The Journal of the American Medical Association

Published under the Auspices of the Board of Trustees

Vol. XLVII. CHICAGO, ILLINOIS, DECEMBER 29, 1906. No. 26.

Original Articles

THE MANAGEMENT OF TUBERCULOSIS.

SANITY: CANDOR: HUMANITY.*

J. H. MUSSER, M.D.

PHILADELPHIA.

The best has been said by the best minds of the profession and by many of the best of the laity on this vast subject. It ill becomes one untrained in literary work, with little time for the study, to inflict on the profession further dissertation that can scarce be more than repetition. Your committee, however, thought perhaps it might not be unseemly for one at this timely period to say a few words born of an experience in hospital and home on this subject. They know, oft repeating can alone bring conviction, and have no doubt calculated accurately on the endurance of the profession. Opportunity will be taken, therefore, to consider in general the subject of the management of tuberculosis and to point out some present day dangers, if such suggestive word may be used, in present day tendencies, and then to discuss special features which seem worth while employing to relieve sufferers from tuberculosis.

VARYING THERAPEUTICS.

No disease of the human race presents throughout the entire history of its therapeusis such a wild orgy of excesses, such a delirium of extremes as that of tuberculosis. In quarter century periods from first to last there has been such wide variations of treatment over degrees of latitude which if charted would appear like intermittent rushes from the equator to the pole and the pole to the equator. So well known are these extremes that a favorite mode of expression of these variations is to compare them to the swinging of a pendulum. We hear that the pendulum has swung too far on one line of treatment or too far in the opposite direction on another line of treatment. With the swing to the right or the left there is rejoicing in one camp and a corresponding wailing and gnashing of teeth in the other. All efforts seem to be directed to send the pendulum into the first or third quarter. Fortunately, a few students of tuberculosis, in season and out of season, of robust mind and clear vision, attempt to hold the pendulum in the median line.

Prior to the coming of Koch, it was drugs and foods that had their passing hour. There was the cod liver oil period, the phosphorus period, the hypophosphite period, the arsenic, the iron, the digitalis, the phenol, the quinin, the creasote and the coal tar periods. Those who are not among the very old in the profession well remember the psychic inflation of the sulphuretted hydrogen gas treatment which ballooned itself around the world, until by virtue of its own expansion, it went up into the air, a method of unsavory memory. Compressed air and vacuum apparatus of all kinds have been limboed to the garret of innocuous desuetude and save perhaps for pocket vacuation are chiefly useful only as relics of the will-o'-the-wisp period of pulmonary therapeutics.

For many decades climate and clime were the end all of all tuberculosis management in the selection of which the profession trended now here now there in accordance with the energies of the devotees of the respective region. Even since the bacteriologic era in tuberculosis there has been much chasing after false gods. Who does not recall the great excitement a score of years since brought about by Koch himself in his premature statements as to the value of tuberculin? It was not alone the profession who suffered. The confidence that is lost by the explosion of such premature fancies is harmful, but it is as naught compared to the distress, the blasting of hope, the throttling of courage which befalls the poor sufferer from this disease.

A record of such vagaries is not a credit to the profession. It is true there were sufficient excuses in the past. The loss of life was appalling. The suffering was beyond estimation. The ignorance was most dense. "A constitutional disorder," cried one; "a local disorder," called another; "of inflammatory origin," said one; "of neoplastic origin," spoke his neighbor. From pillar to post the pathologist tore the therapeutist. Is it any wonder with the stress of his responsibility he grasped at straws? As the light dawned, stability grew, and with each step forward in etiology, the grasp of endeavor grew firmer and firmer. Out of our greater insight into biology and the precision of bacteriology have come these truths: Tuberculosis is an infectious disease, the extent and course of which depends on constitutional conditions. Every person can be infected; only a few can have tuberculosis. In short, tissue resistance and adaptability decide whether an infected person shall have tuberculosis, or not. With this clear, the strife was to determine what brings about adaptability and resistance in the biologic world. Does it not seem strange indeed that that which great men have plead for for years and have sacrificed time and strength to prove by experiment and practice, only slowly filtered into our life work? The substance of their pleadings makes our line of action to-day; conservation of strength brings about tissue resistance, adaptability and cure.

With such record of fetich worshiping in tuberculous therapeutics it is no wonder that any one familiar with its history should not endeavor to be conservative, and try to hold to the good of the old while grasping the benefits of the new. Is it any wonder that some may stand aghast at the dogmatic assertions of present day management? Is it not proper to plead for sanity to-day, almost as strongly as it was necessary in the past? Do we not already see dangers from the far swing of the pendulum? Are not some methods of the past too ruthlessly cast aside? Affirmative answers can alone be given to such queries and hence to us is given the right to pro-

* Read at the Philadelphia Tuberculosis Exhibition.

test against a few latter day tendencies, although it must be briefly.

PROTESTS.

1. *The Public are Dangerously Educated as to the Curability of Tuberculosis.*—They do not understand the degrees of infection, the difference in course of the varieties of tuberculosis, and the variations in the power of resistance of the individual. Tuberculosis is tuberculosis to them, whether of cerebral, pulmonary, serous membranous or other form. To the family, the fond mother or beloved sister does not differ constitutionally from those of other families. They can not and will not recognize constitutional types. This harm is a result. The unwelcome termination when it comes brings a discredit to science not justified. The physician to whom the care of the patient is entrusted is reflected on. For the sake both of the patient and the physician a plea that such extremes should not be disseminated, is proper. Should we not better have humanity feel the hope we have, that halcyon days are coming, but until then we dare only say, fortunately with greater truth than ever, *tuberculosis is sometimes curable.*

The public should know that in the best sanatorium in this country, with the best possible means at command, in an experience of seventeen years, 66 per cent. of the incipient cases continued well; 28.6 per cent. of the advanced cases are well and 2.5 per cent. of the far advanced cases remain cured. What a splendid record and what a triumph for Trudeau! "Peace hath her victories far more renowned than war." The public should know the chances are about even as to success or failure in tuberculosis under ordinary circumstances if they do the right thing. Let the great suffering body understand that while progress is fast apace, the millennium of therapeutics in tuberculosis can not be brought forth in a day or a decade. Let them know that there is a dawn, indeed that the sun is nearing the meridian and that in prevention, in scientific methods of vaccination or immunization and in the skilled use in the future of tuberculin, the high noon of success may soon be on us.

2. *The Sanatorium Treatment is Placed on Too High a Pedestal by Many of its Ardent Advocates.*—Already danger is sighted. For example, it had been so extravagantly promulgated in England that the public believed a sanatorium, and six months' residence therein quite sufficient to bring about cures in tuberculosis. There is danger of the splendid, massive sanatorium movement in that country toppling over. Only recently the London *Lancet* devoted an issue in an attempt to stem the storm. No one can deny the great value of sanatorium treatment and wish that the properly selected cases of tuberculosis which can not be treated otherwise, could be placed under such favorable conditions. But with this unfortunately not one tithe of the struggle is over. A larger scheme than sanatorium treatment must be invoked and a longer time permitted to bring about a "cure." The sanatorium and sanatorium methods are only a fraction in the great struggle.

3. *Should not the Temporary Fiasco of Koch and the yet Inconclusive Statements of Behring Behoove Scientific Workers to Beware of Hasty Conclusions on Immatured and Imperfectly Observed Data?*—The story of Trudeau's patience and persistence in pathologic work is not a brilliant tale of adventure before the footlights. It is the stately march of an epic. Laboratory labors should be repeated and repeated, reflected on and then brought forth.

The opsonic theories of the brilliant technician, Wright, so attractive and of such illumination as to lead one on, must have more searching scrutiny.

4. *Our Great Sanatorium Endeavor Must not be Taken out of our Hands by Virtue of our own Enthusiasm and Taken up by the Politicians as their Stock in Trade.*—That this may occur is seen by the recent action of the Rutland Sanatorium, Massachusetts, while there are rumors that the public sanatoria in New York state are not in very happy condition. Fortunately, in Pennsylvania the present secretary of the Department of Health, Dr. Dixon, is alive to the great dangers of politically managed sanatoria, and Dr. Charles B. Penrose, to whom we owe our great state health service, sees clearly the needs of the hour. They are ever ready to strike. In our own Flick we have a man of courage to protest at such usurpation. We owe to these three men the nipping in the bud of legislative attempts to use the cloak of charity for ulterior methods.

The profession should be a unit in demanding that the cure and treatment of this class of cases should be positively carried out on lines which are agreed on by the great experts in this disease, to be correct. There can be no deviation. If from our own body selfish and self-seeking men come forward without previous training to take up this work with politics behind them there should be such uprising of the profession as to appall the stoutest in assurance. If it is not done the whole matter of such relief will fall to the ground. The profession have a right to feel indignant that those of their number who have temporary political power, should, without training or serious attention to tuberculosis, as far as their past record would show, assume to take charge of large sanatoria. Fixed principles should control the management of the institution. To expose incipient cases to th mixed infections of advanced cases would be criminal. There is much opportunity for imposition on the part of the public. The greatest diagnostic skill is required to select proper cases. We should be a unit in demanding the selection of men with experience in such work for the position; they should be trained as specifically as we ask the alienist to be trained. They should have such sanity and such humanity as to stand above all temptation and sinister influence.

THE MANAGEMENT OF TUBERCULOSIS.

It is interesting to note that a discussion of the management of tuberculosis is approached from a different standpoint than had been the custom as short a period of time as twenty-five years ago. He who engaged in such inquiry would have tried to launch some specific treatment for this then considered dread disorder either by drugs, by climate or with respiratory armamentarium. The hearer would have gone from the assembly hall disgusted at the waste of time had he not taken with him a new wrinkle in the use of drugs. The ear is strained to catch another story. It is to hear of the efficiency of pure air and sunshine, of good food and the mode of its administration and of well planned rest, regulated to the bodily needs of the patient, nicely adjusted to his physical requirements.

A century ago Benjamin Rush, the Sydenham of his day, anticipated our present day methods, and half a century later the elder Bowditch cured himself by the application of our own well formulated principles. While communities, as those of Germany, have had well formulated plans of sanatorium treatment a new community, as ours, putting forth energy in constructive duties had little to spare for conservation. This spirit of construc-

tion in politics, in economics and in the upbuilding of the nation and of the individual, brooks no thought of salvation and, it is regretful to say, has minimized the value of human life. With us sanitation, both public and private, is as yet in its swaddling clothes. There are signs that recently the juggernaut car of industry which ruthlessly rides down individuals has been rudely awakened. The value to the state and to the family of human life is daily more and more appreciated. Out of this will come the success that should pertain to sanatoria.

Such success must depend on the candor of the physician to whom the suffering patient applies, the thoroughness of method in the conduct of the institution and persistence in the one principle that it is the individual, the human being that is treated, not the disease.

Candor Should Be Our Greatest "Motif."—1. As to diagnosis: If a case is suspicious but not positive, withhold judgment and ask for another examination. No one should be cleared of suspicion or condemned on one examination, when the case is incompletely developed. 2. As to the patient: Tell him, with exercise of judgment as to his temperament, at once the nature of his illness. A very sad chapter of medicine could be written of the dillydallying of doctors at the threshold of this disease, either from ignorance, lack of candor and courage or, it is suggested, from a desire to continue in attendance on the patient for fear his methods or diagnosis may be criticised. 3. As to the public: Notification is just and should be a universal practice.

Treatment.—It can not be gainsaid that the treatment of a case of tuberculosis must be on sanatorium lines. It can not be disputed that the best results are obtained by these means and by these means alone. As successful treatment implies an early diagnosis this in turn means (*a*) education of the public not to be callous as to the surroundings. If he finds himself in an infected environment or in unhygienic surroundings an examination from time to time should be conducted. (*b*) Education of medical student and practitioner how to make a diagnosis. Unfortunately the very excesses in fear as to contagion have barred incipient cases from the hospital wards and the student is debarred from opportunity. (*c*) As to the institutions, successful treatment demands that only an expert in the management of tuberculosis must have charge and that in a "cure" house only incipient cases must be admitted.[1]

Treatment in a sanatorium or in the home by sanatorium methods involves, to the extreme: rest, fresh air and an abundance of food. The amount of rest is to be judged by the strength of the patient, the frequency of the pulse, the extent of neurasthenia, if present; and, most important, the temperature. The fresh air is to be unlimited in amount, delivered in quiet filtration if possible, certainly not whilst riding in a storm or flying in the wind. Sunlight is to be unstinted in amount. Food to be of nutritious value, the amount and character must be determined by the digestive capacity of the stomach. To this end, careful estimations must be made of gastro-intestinal conditions and treatment directed accordingly. Perhaps the only excuse for drugs is to modify gastric conditions and enhance digestive power; to tone up the circulation (digitalis) or to correct chloro-anlinia (iron and arsenic).

After the disease is arrested, gradual exercise to bring the patient up to a normal physical life must be evolved. Hence no return at once to former duties and not to any bad environment. The sanatorium or its methods, is not even the halfway house to cure. For the well to do, climate and change are essential, for the artisan or laborer, a place or position of light work outdoors with opportunities for rest, and little chance for fatigue.

A PROTEST AND A PLEA.

Is climate of value? Unhesitatingly, yes. Do we not want a sunny room for our rest patient; should he be denied days of sunshine if he can get them? Do we not want a clear sky, a tonic air and but little dust for our sanatorium patient? Should they be denied the better class? Rest, rest is the cry. Can the well to do get rest in their own hustling environment? Does not removal to a haven of peace and an atmosphere of quiet mean removal from temptation? Of course, climate without food is death, climate with homesickness is almost destruction. Climate has its limitations but it has its immense advantages. Who can cry out against sea air in bone tuberculosis and tabes mesenterica in children? Moreover, certain forms of tuberculosis, as of the larynx, do badly in the northern latitudes. For them, California and New Mexico are better than northern New York. And so reference could be made to many climatic conditions which would avail much in groups of cases, all climatic treatment to be subsidiary to rest and diet.

It is not necessary to dilate on this phase of the subject. The consensus of the profession as to climatic indications held ten years ago, holds as well to-day, and it would be well for the younger student and experts in tuberculosis to study them carefully. To those who can have an appropriate climate with proper food and rest, the likelihood of permanent cure is infinitely better than for the home or sanatorium case.

1. It almost goes without saying that such methods can not be conducted in institutions in which politics plays the greater part in the management.

THE STEM PESSARY FOR AMENORRHEA AND DYSMENORRHEA.

SOME FURTHER OBSERVATIONS.*

J. H. CARSTENS, M.D.
DETROIT.

Many inquiries by physicians in different parts of the country in reference to the use of the stem pessary have prompted me to write another short article on the question. There is no doubt that the bane of the general practitioner, and even of the gynecologist, is the treatment of stubborn cases of amenorrhea and dysmenorrhea, as they last for months and years and often persist after all the known modes of treatment have been tried.

AMENORRHEA.

If this occurs at the age of puberty, time and hygienic management will generally bring about a normal condition.

There are certain types of this disease that are very troublesome, as, for example, when menstruation occurs only at long intervals and then is scanty, or when the function has been thoroughly established for some years and then becomes irregular and slight, often accompanied by pain. This generally causes a great deal of mental distress to the patient, often resulting in the use of various kinds of household and "patent medicines" and running from one physician to another. In nearly all these cases we find a small uterus, called, in the case

* Read in the Section on Obstetrics and Diseases of Women of the American Medical Association, at the Fifty-seventh Annual Session, June, 1906.

of the young girl, infantile uterus, in older persons premature atrophy. When this condition occurs after childbirth or miscarriage, it is due to superinvolution.

To develop the muscle it must be exercised. All athletes know that. And, as the uterus is a muscle, it must be exercised if we want it larger. Medicine, constitutional treatment, hygiene, will have no effect, as direct action on the muscles must take place. A good deal of good has been done with electricity, but it is very troublesome and often painful; the treatment takes long, is too expensive for most people and then sometimes fails.

By the introduction of a stem pessary the uterus is irritated, it contracts, makes constant efforts to expel the contents and thus develops. In the course of three to six months or a year the small uterus will be found to be of normal size and the menstrual function firmly and regularly established. I have had only one or two failures, and in these cases believe that some change had taken place in the ovaries and tubes. Hence the patients were beyond all help.

DYSMENORRHEA.

Dysmenorrhea is a far more formidable condition, because people suffer pain. They are often laid up for several days to a week every month; hence incapacitated from work, while in amenorrhea all this is absent. The physician has a troublesome case on hand if he has one of these persistent cases of painful menstruation, that being the only symptom. All the congenital abnormalities, diseases of the tubes and ovaries, inflammation of the pelvis of any kind, including displacements, must first be eliminted, as these each require their own special treatment. Cases of stenosis are relieved by dilatation, but recur in a few months and must then be again dilated. In these cases a stem pessary kept in long enough will give relief, as well as in cases of slight displacement sometimes met with.

The kind of cases that give most trouble are, as stated above, those in which we can find no pathologic condition to account for the trouble except a somewhat small uterus. There has never been pelvic disease, there is no obstruction and the most searching investigation fails to detect any constitutional cause, and still those women persist in having pain, sometimes very severe, for one day or more every month.

There is another class of cases in which women have a perfectly normal menstruation for ten or fifteen years and then begin to have pain, which gradually increases and in the course of several years becomes unbearable. This condition I find in unmarried women who are wage-earners and whose occupation is intellectual. Teachers are especially liable to this trouble. But in these cases you will find some condition to account for it. You will find the cervix small, hard, atrophic. The muscularis is gradually being supplanted by fibrous tissue. The fundus of the uterus remains about normal, and only later undergoes the changes.

I attribute this condition to non-use of the uterus. These women ought to be married and have children, as I have never found it in married women. Now, in these very difficult cases, I have found the stem pessary of especial benefit. It seems to check the process and restore the cervix to a normal condition in the course of six months or a year. And as the pessary does not hurt, I have these patients often wear them for several years.

In cases of anteflexion when no serious surgical interferences are indicated, I have found the stem pessary most useful in relieving symptoms and curing the sterility from which these patients often suffer.

INDICATIONS FOR THE USE OF THE STEM PESSARY.

It probably makes no difference what kind of stem is used—rubber, glass or metal. I myself at present prefer the rubber (Chambers) pessary. It is painful to introduce. The uterus must be dilated; if there is diseased mucous membrane it needs curetting, and, therefore, it is necessary to give an anesthetic, as a rule. I keep my patients in bed two or three days and then they can get up and be about at their usual vocation.

If the stem is put in alone, it will often be forced out sooner or later, so I put in a Hodge Thomas pessary to throw the uterus forward and thus prevent the stem from coming out. It is not necessary to do this in all cases, but it is best, as a rule. If there is discharge, I have them use douches, but ordinarily this is not needed. I never take out the stem and reintroduce it. I leave it in sometimes two or three years without trouble. My patients travel all over the country, to Europe, and I have never had any trouble except in one case, in which pain suddenly developed, and I telegraphed the physician to remove it, the patient being near Boston at the time. In one or two instances, the patients insisted on having the instrument removed too soon and it had to be reintroduced. This was in my earlier experience. Now I do not take them out sooner than three or four months, and six months or a year is a great deal better. They absolutely cause no pain and distress, and women do not know they wear them unless they are told.

The greatest precautions must be taken in excluding cases of inflammations of the tubes and ovaries and pelvic inflammations in general, because latent cases of tubal or ovarian abscesses may be lighted up by the introduction of a stem pessary and serious consequences ensue. If adhesions have taken place and the uterus is pulled down and dilated, rupture may take place of dermoid tumors, even of an intestine or of the bladder. In such cases, with amenorrhea or dysmenorrhea, an abdominal section or some other operation is probably required. The stem is not indicated there. The stem is simply for cases of slight troubles from the surgeon's standpoint, but most distressing to the patient and trying to the general practitioner.

I will not weary you by reporting a series of cases, but simply will sum up by saying that the stem pessary is the most useful mode of treatment and is indicated when we have to bring on a regular menstruation in cases in which it is absent or occurs at long intervals. The same may be said of those cases in which the flow is scanty and various nervous symptoms are produced, a condition often found in fleshy women. It is also valuable in dysmenorrhea, when there are no other pathologic conditions, except that state commonly called neuralgia, or when we find a small uterus, or especially cervix, a condition often found in middle-aged, unmarried women who have for five or ten years menstruated normally. In slight flexions or displacements with recurring stenosis producing sterility, it is valuable and will sometimes cure, if I may use that expression, the last-named condition.

Counter indications are acute or latent pelvic inflammation of whatsoever kind it may be. I must especially and emphatically warn against this condition: If there has been inflammation of the tubes or ovaries, or if there are adhesions, the stem pessary should not be used. The greatest care must be exercised on this point.

Any general practitioner is able to introduce a stem pessary; no specialist is required. This article is simply written for the benefit of the general practitioner

who, I know, has so much trouble with the kind of cases described.

In conclusion I will say:

1. The stem pessary will generally cure amenorrhea after all other means have failed.

2. It will develop an infantile uterus, enlarge a prematurely atrophied one, and restore a superinvolutional womb to a normal condition.

3. It will cure most cases of intractable dysmenorrhea, when no special pathologic condition can be found

4. If worn for six months or a year it sometimes cures sterility.

5. All inflammatory conditions about the pelvic organs must be rigidly excluded before it is used. The same septic precautions should be taken during its introduction as a surgeon would take with the most complicated case of abdominal surgery.

DISCUSSION.

Dr. F. D. Reese, Cortland, N. Y., said that in taking the history of his last 40 cases of fibroid tumor he had discovered that dysmenorrhea has appeared at puberty in 39 of them. This is an indication that some time in the woman's life she will develop a fibroid tumor.

Dr. W. O. Henry, Omaha, inquired under what circumstances Dr. Carstens recommends the pessary; for what sort of dysmenorrhea? The variety for which it is recommended should be known.

Dr. J. H. Carstens, Detroit, replying to Dr. Henry, said that the pessary is of no use for pus tubes, but that a thin uterus may be made to develop and the pain will be relieved. As far as curing sterility is concerned, he had a few cases that had been followed by pregnancy. Perhaps there is sometimes a little anteflexion which the stem relieves. Later she may be able to become pregnant. It is distinctly a remedy for dysmenorrhea.

THE BEST METHODS OF CLOSING ASEPTIC WOUNDS, ESPECIALLY OF THE ABDOMEN.

THE USES AND VALUE OF THE BURIED ANIMAL SUTURE.*

HENRY O. MARCY, A.M., M.D., LL.D.
BOSTON.

To-day's mail brings me an advertisement of a new abdominal supporter especially devised to be used after laparotomy, with the statement that the hospitals are ordering them in quantities. Such advertisements reach the tables of nearly all the members of this section and are indications of their general use. One of the largest hospitals of Boston makes a routine practice of having patients wear an abdominal supporter for one year after operation. The most approved pattern adopted is a kind of reversed corset, especially fitted to the individual.

Wherefore the need? It is reported that in this same hospital, notwithstanding all this care, about 10 per cent of the laparotomies are followed by hernia at the site of the wound.

A fair critic must arrive at one of the following conclusions: Either that the technic of reunion is faulty, or that the severed portions of the abdominal wall can not be rejoined in a way to give satisfactory subsequent result.

Hence I invite your consideration of a subject which is of vital, practical importance; especially so, since, at present, the abdominal cavity is being opened very many times daily in all parts of the civilized globe. Fortunately the operator rarely is enabled to divide the structures exactly on the median line and therefore there are two or three important factors in the tissue to be rejoined.

So far as I am aware, Sir Spencer Wells was the first to point out the very great importance of incorporating the peritoneum within the sutures. He also emphasized the advisability of including a considerable amount of the tissues within the grasp of the ligature. The importance of these suggestions are in daily recognition. Notwithstanding this, however, failures by this method are of constant occurrence. A careful analysis of the parts to be rejoined makes easy explanation why such failures occur and, to my mind, the wonder is that it does not happen more frequently.

As an illustration, let us take into consideration the abdominal wall of a rather fleshy individual and the interrupted stitch, including all these tissues, tied rather tightly in order to hold the parts in complete fixation. The more tightly the stitch is drawn, in direct ratio the antero-posterior diameter of the parts is lessened. This of necessity disarranges the approximation of the included tissues, without a possibility of exact readjustment of like structures. This is so patent to every one that only reference may be made to it and I think it is the chief cause of failure.

Is there a better way? I think now this question may be definitely answered in the affirmative, since the experience of many operators is confirmatory of my views advocated many years ago. I have many times emphasized, when discussing the advantages of the buried animal suture, the importance of an accurate readjustment of the sundered structures in all parts of the body.

This in illustration: The readjustment of the divided tissues in an amputation of the thigh, with the closure and sealing of the parts without drainage. This, however, is of comparatively little importance, since no special strain is subsequently expected to be brought into play of the parts involved.

Quite on the contrary, after laparotomy every portion of the abdominal wall must be expected to resume its normal function and to be kept for the rest of life, more or less, in a state of active tension.

The possibility of closure, in layers, is of course, dependent on the use of buried sutures. Although many still use silk, it seems scarcely necessary to refer to it, except to emphasize the importance of discarding it.

It also goes without saying, that the suture material must be aseptic and absorbable. Such suture material is within the reach of every surgeon. It is furnished by reliable makers. More commonly catgut is used, but for many reasons, the carefully selected tendon suture is preferable.

SUTURING IN LAYERS.

The peritoneum should be carefully coaptated and held in easy approximation by the use of a continued animal suture. This, for many reasons, is best effected by using the so-called shoemaker's stitch—a double continuous suture. Such a suture is easily, accurately, and rapidly applied, crossing the line of the divided structures only at right angles and is held in fixation by a single knot. The especial advisory precaution is that the sutures be not drawn too tightly, since coaptation and not constriction is the object sought

The postrectus fascia of the lower two-thirds of the distance between the pubis and the umbilicus should be included in the peritoneal suture. This is important,

* Read in the Section on Obstetrics and Diseases of Women of the American Medical Association at the Fifty-seventh Annual Session, June, 1906.

since fascia separates easily, leaving an uninclosed space, and is itself an essential factor of strength.

More commonly it is unnecessary to reunite the separated muscular fibers, unless there is bleeding, or by undue manipulation they have been subject to injury. Closing by light suture has never appeared to me to be detrimental.

The careful reunion of the thick anterior fascia, the linea alba, is of the first importance, since this is the mainstay of abdominal support on the strength of which depends, in large measure, the very considerable variety of action of the oblique and transverse muscles. The recti muscles also, wanting in this support suffer a material impairment of function.

For these reasons, the coaptation of this thick fascia must be accurate. The adjustment may be by overlapping, intra or extra folding. I have used all these various measures with good result, also the so-called mattress stitch, which may be called an interrupted shoemaker's stitch.

Perhaps the easiest and most satisfactory is the double continuous suture, extra folding about a third of an inch, of the linea alba. The same emphasis of coaptation and not constriction is important, since fixation with the parts held at rest is the object sought. The peritoneum is united by a fine suture, while the linea alba requires a much larger suture. I prefer one about three times the diameter of the fine peritoneal suture chromicized to remain for about three weeks.

Each line of coaptation is closed on its independent plane, in order that in case of a possible infection, they may not be brought into juxtaposition.

As a rule, the superjacent fatty layer requires no suture and its low vitality renders it important that its structure be damaged as little as possible since an aseptic fat necrosis may ensue. A careful coaptation of the skin usually holds the fatty structures in apposition. If unusually thick or vascular, a light, running, single, continuous suture taken rather deeply from side to side through the fatty layer is sufficient. It is decidedly preferable to close the skin by a continuous suture, using a medium-sized, full-curved, sharp Hagedorn needle, medium sized is preferred, since the large needle unduly damages the tissue; full curved, since the curve enables one much more carefully and accurately to apply it without the use of forceps; the Hagedorn, much to be preferred, since the peculiarity of its point enables one accurately to penetrate the deeper layer of the skin only.

Each succeeding stitch enters the skin exactly opposite the emergence of the preceding one, the number of stitches being dependent on the length of the part traversed by the needle. Thus taken, when drawn on, the skin is evenly coaptated and the wound does not have a wrinkled or puckered appearance, and I have called it the parallel suture since the needle only penetrates the structures parallel to the long axis of the wound. Of even greater importance is the fact that the deeper layer of the skin only is penetrated, since a necrotic infection may easily follow in the sweat ducts or hair follicles if penetrated by the suture. This has been called the subcuticular suture, but for accuracy of definition it should be designated the subglandular or subfollicular suture. The suture should be of very fine material and not too highly chromicized, since absorption must precede the proliferation of the epithelial layers of the skin. The faulty application of an aseptic, absorbable, cutaneous suture, for the reasons above mentioned, may give superficial skin abscesses. On this account the subcuticular buried suture has been abandoned by many surgeons. It is, however, owing less to the suture than to the faulty method of its application; the operator rather than the correct operative procedure.

I consider the reduction of scar tissue to the minimum a very important factor. The incision should be made by a very thin, sharp-edged knife, rather than scissors, since its subsequent coaptation can be made more accurate than where its division has been irregular or ragged. Hemorrhage should be carefully stopped and the skin edges accurately approximated. The fixation and permanent holding, as by a splint, by the contractile collodion seal aids very materially in minimizing cell proliferation. I consider such restoration of the cutaneous surfaces important in all parts of the body and worthy of very especial consideration in the wounds on exposed surfaces. Oftentimes it is difficult, months later, to trace the line of incision.

How shall we dress the wound? Here many of the operators are at great variance. I have said nothing of wound drainage, since, I do not believe aseptic wounds, as a rule, should ever be drained and think this is the general consensus of surgical opinion at present. I consider the abandonment of drainage, in aseptic wounds, one of the most pronounced factors of progress in modern wound technic.

Such a wound, thus closed, will do well under a great variety of subsequent treatment. It seems but yesterday in the progress of our art, that it was considered necessary to apply some kind of dressing that would absorb the fluid which was deemed essential to be exuded in order to secure primary union. In this belief, Mr. Lister gave long continued and unwearied study in order to perfect an antiseptic absorbable wound dressing.

In our own studies of wound repair, we, many years ago, for what then seemed good and sufficient reasons, eliminated the use of drainage tubes, as in every way objectionable and dangerous and little by little learned to consider that the primary cell exudation was an important factor of repair which Nature had provided for a special purpose, and which I denominated "the first aid to the wounded." Therefore, instead of a dressing for the absorption of the fluid, I desired one for its retention and this seemed to be found ready to hand in the use of collodion. My only modification of it lies in the incorporation of iodoform in the solution sufficient to give it a light yellowish wine color. I prefer the contractile collodion since it adheres more firmly and holds the coapted edges of the skin more closely in approximation. The iodoform may not be important, but it certainly has a very marked inhibitory affect on the development of the micrococcus-pyogenes-albus.

This seal is so closely adherent that it not only does not permit the escape of the subcuticular fluid, but is a seal germ-proof from bacterial intrusion. If the wound has been aseptically made and maintained, in aseptic and well vitalized structures, primary union will supervene. If an infective wound, the method advised is one of the worst possible, since easy channels of communcation have been made along the entire lines of the sutures.

The work for good or ill has been begun and completed before the patient leaves the operating table. There is no period of anxious watching and fear lest a careless attendant may neglect the dressings. There are no stitches to be removed, a matter of comparatively minor importance to the surgeon, but always a nightmare to the patient. It is entirely unimportant to use any dressing, and in a majority of cases no bandage whatever is applied.

The seal, so to speak, grows off in about ten days, by

the proliferation of the dead epidermal cells. A second or third seal is more commonly applied, in order that the scar tissue may be reduced to a minimum, which is often so slight, that the line of union may be determined only by careful scrutiny.

The histologic changes which ensue about a buried suture would prove a most interesting subject for further discussion, a topic in itself requiring for proper elucidation the time not given by this article. Suffice it to say, that at first the foreign material is surrounded by leucocytes, which, little by little, invade the structure. Pari-passu, as absorption goes on, these cells are themselves transformed into connective tissue corpuscles; these generally assume the site of the implanted suture to such a degree that in my earlier studies I was half led to believe that it was a veritable revivification process. The fact remains, that to a considerable degree the readjusted structures are held permanently in place by vital bands which are imbedded and fused in the readjusted, reformed structures.

These facts were substantiated by me only after continuous comparative studies involving several years of research laboratory work. They give, however, an added emphasis to a great and often unsuspected value of the properly applied animal suture. The catgut of commerce furnishes a cheap and easily obtained suture material. It is, however, not easy to sterilize and is inherently defective. The separated tendons from the tail of the smaller varieties of the kangaroo, although much more expensive, are far superior for many reasons.

I find there is considerable criticism of the usual kangaroo tendon suture and I think perhaps justly. It is exceedingly difficult, more so recently than at any other period, to obtain the tendons in Australia, which have been taken from freshly killed animals, sun dried, and kept dry in shipment. Quite the larger part sent me, for these reasons, are defective. I established the price in Australia of $10 a pound which I thought was ample compensation for properly prepared tendon. Nothing more is asked of the hunter than to extract the tendons which lie parallel and traverse the entire length of the tail *en masse*. These are to be kept straight, quickly sun dried and to be kept dry in transit. The number vary from twenty to thirty in each animal. The psoas muscle is divided into fasciculi, each fasciculus having its independent tendon extending to the very tip of the tail. The only other animals which I have found with this anatomic construction are the rat, the squirrel and the opossum.

From a recent letter of Dr. F. Barrington, Sydney, I quote:

> I believe as kangaroo tendons are shipped to you there is no way of overcoming the difficulty from defective preparation. They are pulled from the animals' tails and left hastily in the sun to dry, and as they are sold by the hunters by weight they put in a lot of their useless rubbish. I fear you do not know the Australian wallaby hunter or you would know that an endeavor to inculcate care would be useless. I fear, therefore, there is no way of helping you.
>
> The way I adopt is to have the tails sent down by reliable friends in midwinter, packing the raw stumps in boric acid. I prepare them entirely myself, and even in this way, drawing them from the tail and putting them for twenty-four hours in 1/500 spirituous solution of bichlorid of mercury and then keeping them permanently in rectified spirit, when I come to desheath them for use there is considerable waste. They are a source of great trouble to me in the preparation, for from start to finish in their final resting place in the patient's tissues they never touch any hand but mine. I never allow a nurse to touch them, and if I am sore pressed they are handed to me in the grip of a pair of sterilized forceps. I use them for everything, saving horsehair for the skin, and occasionally through-and-through silkworm gut for rapid abdominal operations.

The abdominal bandage, although a support to weakened structures fails, for the best of reasons, to prevent hernia. It is troublesome to adjust and a constant source of irritation and discomfort. I never advise the use of a bandage of any sort. In over 2,000 laparotomies followed by primary union after the correct reconstruction of the abdominal wall, I have not known the occurrence of a single hernia.

The cure of hernia is rendered possible only by the use of buried sutures. Their first use in surgery was in 1870 when I closed and reconstructed the inguinal canal for the cure of hernia, using catgut furnished me by Mr. Lister.

The buried animal suture, in the closure of well vitalized aseptic structures, in all parts of the body, is one of the most important contributions to the technic of modern wound treatment and is of a revolutionary character. Only the traditions of the past and the conservatism of the present prevent its universal adoption.

DISCUSSION.

E. D. Ferguson, Troy, N. Y., said that he had seen Dr. Marcy put in these sutures in closing a wound. They did not penetrate the deep layer of the skin. By examining carefully the complex lace network of connective tissue that encloses the fat cells it will be seen that some of the skin follicles extend below the skin into this subcutaneous fat, and unless he is very careful the operator will open them with the needle and so favor the occurrence of infection. Dr. Ferguson has largely discarded the seal since adhesive plaster is made aseptic, putting it on gridiron fashion. If the seal is used nothing else is needed unless the patient is troublesome. All extraneous dressing should be abolished if the seal is used.

Dr. J. J. Reynolds, Defiance, Ohio, referred to a neat and quick method of closing the skin incision by the use of adhesive plaster. After the tier sutures are in, a hook or tenaculum is placed at each end of the skin incision, and by slight traction the skin is made tense. The parts coapt nicely and are held in place by narrow strips of adhesive plaster. The resulting scar is almost invisible. When economy of time is essential this plan has a special advantage over the buried suture. Turning in the ends of the strips before applying (making a hem) facilitates their removal.

Dr. Augustus P. Clarke, Cambridge, Mass., said that Dr. Marcy's method offers great advantages over other methods, as has been proved by the excellent results obtained. He has assisted Dr. Marcy in a great number of his cases of abdominal surgery, and therefore is thoroughly familiar with this method. Every suture must be made thoroughly aseptic and it must be applied aseptically. Each layer of abdominal tissue must be most carefully coapted. The sutures should be drawn gently, yet firmly, but not too tightly. Well-trained and well-experienced assistants and nurses in this special time of operating are absolutely necessary for complete success. An abdominal binder will be, for the most part, not only useless, but is liable to be of harm in causing, through undue pressure, retrograde processes of the normal abdominal wall. The application of a little iodoform collodion along the line of incision is all that is essential for protection. The fear of subsequent hemorrhage from the slipping of sutures is scarcely to be thought of. Union by first intention is to be expected. All sutures are made continuous, and are especially prepared from kangaroo tendons.

Prof. A. von Rosthorn, Heidelberg, Germany, stated that in Germany wounds have been sutured in the way described by Dr. Marcy for over twenty years. Drainage has been abolished. The dressings are as simple as possible. He uses simply a little iodoform or sterile gauze which is applied with the paste described by Schleich and which holds the dressing fast nicely. Bandages are not used at any time, and primary union takes

place in nearly every case. Zweifel, he says, has proved by examination of cases that ventral hernia occurs only when primary union has not taken place.

As to the suture material, he is of the same opinion as is Dr. Marcy. He uses material which will be absorbed. In the skin, where the catgut will be too quickly absorbed, he uses silk. Kangaroo tendon and silk worm gut hold the fascia together. Silk is bad, and infection of the stitches may occur. It is an improvement to do subcutaneous suturing, and he knows many surgeons who do it in Germany. Another method is the use of Michel's clamps. They are short and are placed in the skin superficially, nicely coapting the edges of the wound. It is aseptic and nothing can be absorbed by the suture, and the scars are very small. Sutures must not be tied too fast or too tightly, and they must be placed at correct intervals; then complications will not appear.

DR. CHARLES STOLTZ, South Bend., Ind., thought that there is some value in closing the peritoneum by bringing the raw edges up, and not making an edge to edge suture. This prevents adhesion of viscera to the perineum. Another thing of value is overlapping or imbricating the aponeurosis or anterior sheath of the rectus. He has been doing this for several years in closing abdominal incisions, as is frequently done in the repair of hernia. The results have been very gratifying. Dr. Stoltz believes that the tier method should be practiced. Each structure should be carefully restored to its former position. Occasionally there are conditions that require a small temporary drain to prevent the accumulation of blood within the wound. Such a drain will prevent separation of tissues.

PROF. A. DÜHRSSEN, Berlin, Germany, has used the method described by Dr. Marcy, but in the last month he has used another method. It consists in strapping the abdomen, not in the median line, but on one side. A long incision is made through the skin and fascia which covers the right rectus, and the inner part of the fascia is stripped from the muscle to the median line; then the muscle separated from the median line. The peritoneum is now opened on the side of the median line, and when closing the wound it is absolutely impossible to have a hernia. Of course, he said, if primary union does take place, then all the methods can not prevent hernia. Dr. Dührsen has also used the dry iodized catgut to great advantage. It is kept for eight days in iodin solution and then in dry sterile vessels.

DR. W. B. DORSETT, St. Louis, called attention to the mistakes some surgeons make in using animal sutures of large size. The larger the size the more probable is infection. This was demonstrated in two cases of fatal tetanus arising from large kangaroo tendon. He took some of this kangaroo tendon from his unused supply and injected mice, guinea-pigs, and rats with a maceration of it, and the great majority of the animals died of tetanus. As to the suppuration of wounds, he thinks it is caused by the too tightly tied sutures. There are many men who advance the through and through suture and they get as good results with it as others do with this method.

DR. H. O. MARCY, Boston, agreed with Dr. Dorsett that large sutures are not desirable. Surgeons should use the method that gives the best results, using it in the way they best can. There are certain principles which he thinks are important. This question of closing in layers and this method of inversion, overlapping and so on, have advantages in certain conditions; the simplest way is the eversion and union of the conjoined structures by means of the double sutures. He first taught that catgut was beyond question the best animal suture. Lister used it in ligating vessels, but after a time found that he was using infected material and wondered why. Long series of studies followed, and it was shown that catgut is inherently defective for sutures because of its construction, not unlike cutting a piece of finely woven silk diagonally and twisting it for use as a fishing-line. When wet, as it must be buried in the wet tissues, it becomes a thin, flat, elastic slippery band, not thicker than tissue paper. This has necessarily been the breeding-ground of millions of bacteria, and as a consequence, is difficult to sterilize. Carefully prepared tendons have never been thus damaged; the ultimate fibers are disposed in parallel instead of oblique directions. The cement substance is uninjured. They are in every way vastly superior to catgut when used for buried sutures.

CASES OF MENINGITIS WITH ISOLATION OF DIPHTHERIA BACILLUS FROM CEREBRO-SPINAL FLUID.*

JOSEPH MORRELL, M.D.
House Physician, Cook County Hospital.
AND
HERMAN E. WOLF, M.D.
Alumni Fellow, Rush Medical College.
CHICAGO.

Although the *Bacillus diphtheriæ* has been found in the most diverse lesions, its presence in the central nervous system is almost unheard of. Thus far we have been able to find only one case in the literature, that of Wilson and Head, in which the organism was positively identified. The circumstances which led to the discovery of the organism in this case, however, as well as in the one about to be reported, would speak for greater frequency, though usually unrecognized.

Personal History.—W. M. C., colored, male, four and one-half months old, was admitted to the children's ward of Cook County Hospital, service of Dr. F. X. Walls, to whom we are indebted for permission to report the case. According to the mother's statement the child had been taken ill ten days before admission to the hospital with high fever, pain in the chest and a cough. Eight days later she noticed rigidity of the neck and bowing of the back. The child became highly excitable, but had no convulsions. This condition had presented for two days before admission to the hospital.

Physical Examination.—This revealed a well-nourished baby lying quietly with only an occasional moan as evidence of distress. The head was markedly retracted, the muscles of the neck were rigid, the back was bowed, and the thighs and legs were flexed. The remainder of the examination was negative.

Spinal Puncture.—A few hours after admission 45 c.c. turbid fluid flowing under high pressure was removed by spinal puncture. Cultures were made by allowing the fluid to flow, under aseptic precautions, directly into tubes of blood-agar, blood serum, bouillon and milk and incubating at 37 C. A sample of the spinal fluid was also centrifuged and the sediment examined microscopically for bacteria with negative results. The cellular elements consisted almost exclusively of small mononuclear lymphocytes.

After 24 hours' incubation the cultures yielded a growth of a bacillus resembling Bacillus diphtheriæ to be described later. At the end of 48 hours another spinal puncture was performed with the same result as the first. At this time swab cultures from the nose and throat were taken, although at no time had there been evidences of inflammation, and plated in blood-agar. The organisms present were staphylococci, streptococci, pneumococci and a bacillus resembling the organism isolated from the spinal fluid.

Clinical Course.—The temperature throughout varied from 99 to 102.2 *per rectum*; pulse from 130 to 160, and respirations from 36 to 72, while several leucocyte determinations varied from 9,000 to 10,000. Physical findings remained the same. Four days after admission 6,000 units of diphtheria antitoxin were given, but the patient, already in an extremely critical condition, died 20 hours later. A few hours before death external strabismus of the right eye, accompanied by lateral nystagmus of both eyes, developed.

Postmortem Examination.—Postmortem was held 6 hours after death with the following anatomic diagnosis: General miliary tuberculosis; tuberculous bronchopneumonia; fibrinous pleuritis; tuberculous ulcerative enteritis; persistent thymus; tuberculous and exudative meningitis.

Cultures made postmortem from the heart's blood, spleen, peritoneal and pericardial fluids remained sterile; while those from the meningeal fluid and the exudate at the base of the

* From the Pathological Laboratory of Cook County Hospital.
* Read in the Section on Diseases of Children of the American Medical Association at the Fifty-seventh Annual Session, June, 1906.

right hemisphere again yielded the same organism isolated at the two previous spinal punctures.

BACTERIOLOGY OF THE CASE.

As has been already stated, the same organism was isolated from the spinal fluid at the two spinal punctures and again at the postmortem, as also from the throat, and a description of one will serve for all four strains.

Morphology.—The organism is a short bacillus measuring 2.5x0.5 microns. It stains readily by all anilin dyes, also retaining Gram's. Preparations from 48-hour cultures show a beaded appearance of the organisms when stained with Loeffler's methylene blue. There were also marked involution forms, such as club-shaped and dumb-bell-shaped organisms of variable size.

Culture Characteristics.—The organisms grow well on all the ordinary culture media, but best on blood serum, where at the end of 10 hours a creamy slightly elevated layer is formed. On blood-agar plates we find at the end of 24 hours pinhead colonies without hemolysis, though when glucose blood-agar was used often a zone of greenish tinge developed about the colonies.

Animal Experiments.—Guinea-pigs were inoculated subcutaneously with 1/20 of a 24-hour blood serum culture suspended in normal salt solution. The animals appeared sick at the nd of 12 hours, with beginning evidence of local infiltration. Death occurred in from 48 to 56 hours. At autopsy there was found locally marked edema and bloody exudate into the subcutaneous tissues, extending some distance beyond the point of inoculation. The internal organs, as a rule, showed some pallor, while the adrenals were usually large and deep red in color. Cultures from the heart's blood and internal organs remained sterile, while the organism was always recovered in pure culture from the local process.

Unfortunately we were forced to discontinue the work for two months, and on resuming it the organisms had lost their virulence so that it was impossible to test the protective influence of diphtheria antitoxin.

To differentiate the bacillus isolated from the *B. xyrosis* and *B. pseudodiphtheriæ*, the method of Knopf[1] was adopted. Serum sugar media were prepared with inulin, dextrose, saccharose and dextrin and inoculated with several strains of *B. diphtheriæ* and also the bacillus C, described above, with the results as shown in the table.

FERMENTATION OF SERUM SUGAR MEDIA BY B. DIPHTHERIAE.

Organism.	Serum Sugar Media.			
	Inulin.	Dextrose.	Saccharose.	Dextrin.
P.	—	Fermented.	—	Fermented.
P.	—	Fermented.	—	Fermented.
E.	—	Fermented.	—	Fermented.
Bacillus C. isolated from case	—	Fermented.	—	Fermented.

We see from the table that Bacillus C corresponds in its ability to ferment sugar to the other known *B. diphtheriæ*.

CONCLUSIONS.

Bacillus C isolated from the spinal fluid in the case of meningitis thus produces lesions in guinea-pigs typical for the *B. diphtheriæ*. It agrees, moreover, with the same morphologically and culturally, as also in its ability to ferment certain sugars, and we are, therefore, justified in classing it with this group. The case just reported also shows that these organisms occur more frequently in the central nervous system than suspected, and on careful search could undoubtedly be recovered in a large number of cases.

1. Jour. Med. Res., 1904, xii, pp. 475 to 479.

ETIOLOGY OF CEREBRAL PALSIES IN CHILDREN.*

WILLIAM J. BUTLER, M.D.
CHICAGO.

A number of classifications have been suggested for the cerebral palsies of children; some based on their pathology, others on the clinical manifestations and one on the time of their occurrence. The latter, suggested by Sachs, is very convenient. He divides them into antenatal, natal and postnatal cases.

It is not always easy to determine the etiology of cerebral palsies in individual cases. This is due chiefly to their coming late under observation or because the autopsy findings, obtained sometimes years after the onset of the disease, may not reveal the nature of the initial lesion and its cause. This applies more particularly to prenatal palsies and those occurring after birth.

The cerebral lesions having their origin *in utero* seem to depend partly on conditions affecting the mother and secondarily the fetus and partly on the development of the fetus. The brain of the fetus may suffer lack of or defective development as may other fetal organs. The pathologic change commonly found in prenatal cases is porencephalus, a localized brain atrophy, which is an end result of a primary vascular lesion, as embolism or thrombosis, which, in turn, has arisen from infections in the mother and fetus, as syphilis, etc. Injury to the abdomen of the pregnant woman has resulted in isolated instances in cerebral hemorrhage in the fetus and spastic contractures have been found at birth (Cotard, Gibbs).

Birth palsies are dependent on intracranial hemorrhage, the result either of trauma to the infant's head during precipitate labor, prolonged labor, forceps delivery or the result of prolonged asphyxia at birth. Occasionally a history of breech presentation is noted in a birth palsy. The hemorrhage is meningeal in location and arises from laceration of the pia vessels usually close to the longitudinal sinus, from which point it may spread and envelop a considerable part of one or both sides of the brain. While this is the invariable finding in recently posted cases, if they survive a number of years, as is common, secondary changes follow which may render the primary lesion unrecognizable and, instead, we may have a lobar sclerosis, etc. This applies, however, not only to natal cases, but to all spastic cerebral paralyses in children who survive the first insult, and it is this point which has caused so much discussion as to the etiology of postnatal cases. As the prognosis of those cases happening in childhood is usually favorable as to life, the autopsy findings of acute cases are correspondingly infrequent. There is little doubt of the prominence of the rôle of vascular lesions as a cause of many of these cases of hemiplegia, in fact a predominating factor in their production, as in early posted cases, hemorrhage, embolism and thrombosis are frequently found.

The paucity of pathologic information, however, has

* Read in the Section on Diseases of Children of the American Medical Association at the Fifty-seventh Annual Session, June, 1906.

developed considerable conjecture, and as a result various views have been advanced in their explanation. Gowers believes many of them due to thrombosis of the veins of the pia and the longitudinal sinus. Sachs is convinced that the majority of them are caused by cerebral hemorrhage. Strümpell, on the other hand, thinks that the acute spastic hemiplegias of children are the result of an encephalitis, dependent on an acute infection. This latter view was based entirely on clinical study originally and only recently received postmortem confirmation in a few reported cases.

While the only absolute proof of the exact nature of an organic disease usually lies in the pathologic findings, however typical the clinical picture may be, we are, nevertheless, often forced to depend on a study of the latter, and if this is permissible clinical observation of acute hemiplegias and occasionally a chronic one would seem to admit of a reasonably accurate pathologic diagnosis in many instances.

The cause of spastic hemiplegia in children may be briefly stated as follows: First, vascular lesions, to-wit: (*a*) hemorrhage from venous or arterial rupture, the result of trauma or occurring spontaneously in intense congestions, as in convulsions or the paroxysm of whooping cough; (*b*) embolism from cardiac or arterial thrombi or endocarditis; (*c*) endarteritis and thrombosis. Second, inflammatory changes, to-wit: acute encephalitis and meningoencephalitis. Third, rarely, a tumor.

CASE SUMMARIES.

The following cases would seem to illustrate some of the above causes:

CASE 1.—*Diagnosis.*—Intracranial hemorrhage, either delayed traumatic or vascular rupture occurring in the course of a convulsion which in turn was the result of fright.

History.—James B., aged 4 years, fell from a baby carriage to the ground. No injury was evident at the time, but he was greatly frightened. On awakening the following morning, he sat up and called for a drink of water. A moment later he was found in a convulsion, followed by coma. On awakening he had right hemiplegia and aphasia; no fever. Examination a week later gave the condition as above, no trace of injury, no heart lesion, urine negative, electrical reaction unchanged.

CASE 2.—*Diagnosis.*—Left hemiplegia, caused by an embolism from a heart thrombus, forming in the course of acute myocarditis in diphtheria.

History.—Martha O., aged 10 years, had diphtheria; antitoxin was given on the third day. In the second week there was palate paralysis, marked dyspnea, palpitation, edema of the extremities and scanty urine. A few days later while in this condition she was given a tub bath, and during the ordeal she became very cyanotic and seemed unconscious. Ten days later left hemiplegia was noticed. In the course of several weeks all symptoms subsided, but paralysis persisted. Examination at the third month revealed spastic paralysis of the left side, heart area enlarged, second pulmonic loud, no murmurs, urine normal.

CASE 3.—*Diagnosis.*—Juvenile progressive dementia, resulting from syphilitic disease of the brain in the form of an endarteritis and thrombosis with consequent cerebral changes.

History.—James O'B., aged 10 years, at the age of six weeks had a generalized eruption, also suppuration around the nails. All cleared up under treatment in a few weeks. He developed normally to the sixth year; thereafter he showed failing intelligence, spastic gait and stammering speech. Examination revealed rigid pupils, right spastic hemiparesis with exaggerated deep reflexes. No ataxia. Eye grounds normal; no change in electrical reactions, no disturbance of rectal or vesical function. *Petit mal* attacks.

CASE 4.—*Diagnosis.*—Acute encephalitis.

History.—Bennie H., 14 months old, always well up to the present illness, was seized with vomiting, fever and drowsiness. Inside of 48 hours left-sided paralysis was noticed. Examination a week later showed left spastic hemiplegia, deep reflexes exaggerated, electric reactions normal, no evident mental impairment. Subsequent observation showed continuous improvement. He started to walk a couple of months later and shows but slight traces of hemiplegia. The child is playful and has no apparent discomfort.

The similarity of the clinical history of this case to that of a poliomyelitis is evident. Attention was called to this similarity by Strümpell in his original article on the acute encephalitis of children. In this he also suggested that they were caused by the same infection, the difference in the clinical picture depending only on the location of the process; in the anterior horn in poliomyelitis and in the cerebrum in the polioencephalitis. This view was reinforced by the report of the occurrence of a case of poliomyelitis in one child and encephalitis in another in the same family at about the same time.

An encephalitis may also occur during the course of or following an acute infectious disease, in which event it is assumed it is caused by the infectious agent or its toxin. This has been reported in many of the acute infectious diseases, as measles, scarlet fever, etc., but notably in influenza, in which Nauwerk and others have demonstrated the cerebral lesion to be due to a local influenza infection by finding Pfeiffer's bacilli in the diseased foci.

Osler and Dercum have reported cases of hemiplegia dependent on cerebral tumors. Seeligmuller laid some stress on solitary tubercles as a cause of the spastic paralyses, but apparently without any convincing effect.

The following case is presented as one in which a spastic hemiplegia was a prominent symptom. I am indebted to Dr. J. A. Harvey for the privilege of reporting this case.

CASE 5.—*Diagnosis.*—Anatomic: solitary caseous tubercles of the brain—(*a*) right lobe of the cerebellum, (*b*) left crus and internal capsule, (*c*) left occipital cortex. Tubercular meningitis. Chronic internal hydrocephalus.

History.—Marie P., aged 4 years 9 months, was in fair health to the third year. She had a series of infections, including measles, pertussis and pneumonia. Thereafter she was less active mentally and physically. Occasionally she had convulsive seizures, dizziness, headache, cerebellar ataxia, etc. At the age of 4 she had an attack characterized by fever, vomiting and opisthotonos. This subsided in five days, leaving left ptosis and facial paresis. Several days later right spastic hemiplegia developed. Double optic neuritis. On spinal puncture a clear serous fluid under pressure was obtained. Bacteriologically negative. Temperature, 99 to 101 degrees *per rectum*. Ultimately she succumbed in coma.

On reviewing the etiology of infantile spastic hemiplegia of postnatal origin, the conclusion seems unavoidable that the causes are essentially the same as produce hemiplegia at later periods of life.

While we do not find in children the miliary aneurisms or arteriosclerosis that are found in later life, and which with high arterial tension is the source of spontaneous hemorrhage at this period, we may have a hemorrhage resulting from spontaneous rupture during sudden, intense, venous congestions, as in convulsions or the paroxysms of whooping cough, or we may have a hemorrhage from head injuries. Likewise an infantile spastic hemiplegia may depend on a specific cerebral endarteritis and thrombosis, or an embolus from a nearby arterial or cardiac thrombus or an endocarditis, resulting in areas of cerebral softening, all of which are common causes of hemiplegia at all periods of life.

Although the frequency of inflammatory processes

as a cause of infantile spastic hemiplegias may remain a disputed question, the fact of their occurrence seems to have been placed beyond a doubt, in view of the pathologic reports of Ganghofner, Nauwerk, Raymond, Batten, etc. Encephalitis, however, is a lesion that may occur at any time of life, and is probably an important factor in the causes of cerebral paralyses in children. Close clinical observation of some cases of infantile spastic palsies seems to allow of no other assumption than that of an acute encephalitis as its cause.

Cerebral tumor is hardly to be considered as a factor in these cases, because hemiplegia, if it exists, will merely form one of a series of clinical manifestations of the tumor, the diagnosis of which will take precedence over a symptom.

BACTERIOLOGIC AND BLOOD FINDINGS IN THIRTY-SIX CASES OF BOWEL INFECTION OF INFANTS.*

J. C. COOK, M.D.
CHICAGO.

The 36 cases which I am about to present have been selected from 350 cases of diseases of children, which came under my supervision in the Jackson Park Sanitarium during the summer of 1905.

These cases, the clinical aspect of which showed more or less severe type of anemia, are the ones selected for the special work to which I wish to call your attention. The work was taken up with the hope of obtaining findings pointing to the relation of the condition of the blood, the enlargement of the glands and spleen and the bacterial and metabolic intoxications.

The most important data obtained in each case are incorporated in the table. The cases have been arranged with regard to the red blood count, the highest to the lowest, that being the most logical order on which to make comparisons.

In every case of examination of the blood, including a count of the red and white cells, a differential count of the white cells and a hemoglobin test was made. In cases in which a general infection was suspected, cultures from the blood were made. The results of microscopic examinations from the stools and throat were recorded, as they seemed to have direct bearing on the clinical aspect of the case.

Of the physical findings, only the enlarged glands and spleen and lesions which might serve as atria of infection were recorded. Such other information as is of interest in the consideration of the subject is also placed in the table.

The diagnosis which is recorded in each case was that made at the time the case was sent into the hospital, and, in view of the careful examination made afterward, would seem to have been, in many cases, symptomatic.

CLASSIFICATION OF CASES.

Accordingly, I will classify the cases as they are numbered in the table.

1. SYMPTOMATIC CLASS.[1]

12 cases of enteritis (Cases 1, 6, 7, 15, 18, 21, 25, 26, 28, 30, 31, 33).
1 case of anemia (Case 17).
1 case of constipation (Case 13).
2 cases of malnutrition (Cases 16 and 30).
3 cases of indigestion (Cases 12, 32, 34).

2. ACUTE INFECTIONS.

2 cases of vaginitis (Cases 23 and 24).
2 cases of pneumonia (Cases 4 and 29).
1 case of bronchitis (Case 5).

3. CHRONIC DISEASES DUE TO DISTURBED NUTRITION.

4 cases of rickets (Cases 8, 9, 10, 20).
1 case of scurvy (Case 3).
1 case of marasmus (Case 13).

4. CONGENITAL DISEASES.

1 case of syphilis (Case 11).
1 case of cerebral palsy (Case 23).
1 case of cretinism (Case 36).

5. CASES IN WHICH THE BLOOD FINDINGS ARE OF INDIVIDUAL INTEREST.

1 case of hemiplegia (Case 27).
1 case of icterus neonatorum (Case 2).
1 case of goiter (Case 19).
1 case of cretinism (Case 36).

BLOOD EXAMINATION.

The normal number of red blood cells in children[2] is fairly constant after the eighth day, at about 5,000,000. In the cases of anemia, however, I wish to note that the red blood counts varied from 8,850,000 to 3,256,000. The white count,[3] which normally is about 10,000, varies from 6,600 to 53,000.

The differential count of white cells in infants[4] is: Small lymphocytes, 50 to 70; large lymphocytes, 6 to 14; neutrophiles, 28 to 40; eosinophiles, 5 to 10. In these cases we have differential counts as follows: Small lymphocytes, 4 to 77; large lymphocytes, 6 to 56; neutrophiles, 8 to 87; eosinophiles, 0 to 10.

Normal hemoglobin in children is 85 per cent.[5] In these cases the hemoglobin ranges between 45 and 100. The color index, which is normally 8.5, ranges between 1.5 and .4.

Even a hasty glance at the table will convince one that those cases having a normal red count are normal in respect to the other findings. Hence the logical conclusion to make in regard to the variation of the red count, namely, that there is a concentration of the blood in those cases showing clinical aspects of anemia and high red counts.[6]

If the anemia were due to similar etiologic factors, taking into account the ages of the patients and digestive leucocytosis, we would expect a similarity in the white and differential counts; but a comparison of Cases 1 and 6, 16 and 30, and of 12 and 34 will readily convince one that there are not similar causes exciting the leucocytosis.[7] The same condition will hold true when a comparison of the percentage of hemoglobin is made if we take into account the number of red cells, which condition is represented by the color index.[8]

Again, if we attempt to account for the enlarged spleens on the same basis, and a comparison is made of Cases 3 to 18 and Case 30, we are compelled to look for a different cause to account for the variations in the number and differential count of the white cells. The same

1. Wien. med. Wochschr., 1894, xiv, pp. 401, 464, 516, 550, 613.

* Medical Association, at the Fifty-seventh Annual Session, June, 1906.

1. Wien. med. Wochschr., 1894, xiv, pp. 401, 464, 516, 550, 613.
2. Sorensen. Cited by von Leibeck: "Grundriss einer klinischen Path. des Blutes," Jena., 1896.
3. Whitney and Wentworth. Cited by Roach: "Pediatrics," 1896, page 548.
4. Gondobin: Jahrb. f. Kinderhlk., 1889, v, No. 35, p. 187.
5. Da Costa: "Hematology," 1902, p. 280.
6. Oppenheim: Deutsch. med. Wochschr., 1888, No. 42; also Hay: Jour. Anat. and Physiol., 1882, p. 430.
7. Counts were made a sufficient time after feeding to eliminate digestive leucocytosis, which, according to Cabot, might vary from 1 to 30,000.
8. Cabot: "Clinical Examination of Blood," p. 303, 1901.

SYNOPSIS OF FINDINGS IN 36 CASES OF CHILDREN'S ANEMIAS.

No.	Date.	Temp.	Red Cells.	White C.	S. L.	L. L.	N.	E.	Hb.	C. I.	Age.	Av. Temp.	Accessory Findings.	Diagnosis.
1*	7-16	98.8	6,850,000	20,000	19	17	64	..	70	.4	7 months.	100.4	Wt. 6 lbs.; poorly nourished; convulsions	Enteritis.
2	8-9	97.6	7,840,000	17,000	18	32	50	..	60	.4	11 days.	100.3	Wt. 5½ lbs.; well nourished; thrush and mycoides infection; scaly eruption in axilla, etc.	Icterus neonatorum.
3	7-27	99.6	7,680,000	9,600	40	25	35	..	70	.5	11 months.	100.9	Wt. 12 lbs.; fair nutrition; enlarged spleen; inguinal glands; papular eruption.	Scurvy.
	8-17	100.6	4,896,000	16,600	14	56	26	2	70	.7				
	8-21	98.8	8,288,000	12,000	24	46	30	..	70	1.				
4	7-22	103.	7,141,000	27,000	9	31	60	..	70	.5	18 months.	100.5	Wt. 16 lbs.; fairly well nourished; inguinal glands; pustular generalized eruption; mouth lesion.	Pneumonia.
	7-28	99.	7,740,000	15,000	20	22	46	..	70	.4				
	8-12	98.6	7,100,000	15,000	30	10	60	..	70	.5				
	8-21	98.6	6,660,000	20,000	34	14	52	..	70	.5				
5	7-28	98.6	7,320,000	80,000	41	15	44	..	70	.6	12 months.	100.	Wt. 12 lbs.; fairly well nourished; vomiting present; enlarged spleen; inguinal glands, enlarged; mycoides infection; mouth lesion; slight systolic murmur; epileptic mother.	Chronic bronchitis.
6	8-22	100.4	7,200,000	9,000	8	16	76	..	85	.6—	5 months.	100.	Nutrition poor; vomiting present	Enteritis.
7	7-14	99.6	6,520,000	9,000	42	12	46	..	90	.7—	21 months.	99.2	Well nourished	Enteritis.
8	7-28	98.6	6,460,000	10,800	39	35	25	1	95	.7—	36 months.	98.2	Wt. 24 lbs.; well nourished; colored	Rickets.
9	7-6	98.4	6,375,000	11,000	7	32	50	2‡	70	.5—	19 months.	98.5	Wt. 7½ lbs.; poorly nourished; generalized papular rash; vomiting present; does not walk.	Rickets.
10	7-29	98.6	8,520,000	10,000	12	44	44	..	60	.5—	36 months.	98.7	Wt. 23 lbs.; poorly nourished; enlarged spleen; inguinal glands; scaly rash; mycoides infection.	Rickets.
11	7-29	99.	6,000,000	18,000	47	30	23	..	80	.6—	18 months.	....	Poorly nourished; vomiting present; fontanelle open; retinitis	Syphilis.
12*	8-1	98.8	5,960,000	48,000	32	8	60	..	80	.7				
13	7-15	102.4	5,800,000	6,800	15	8	77	..	100	.8	11 months.	....	Poorly nourished	Constipation.
14*	8-27	98.2	5,740,000	22,000	4	16	78	..	80	.7	6 months.	100.	Nutrition fair	Marasmus.
15	8-21	100.	5,500,000	10,000	22	20	58	..	70	.6—	24 months.	100.2	Wt. 22 lbs.; poorly nourished; streptococcus infection; conjunctivitis	Enteritis.
16*	7-27	97.	5,480,000	15,000	45	13	42	..	60	.5	5 weeks.	97.2	Wt. 4 lbs.; poorly nourished; vomiting present; pustular erosion; mouth lesion; systolic murmur very marked.	Malnutrition.
17	8-1	....	5,460,000	14,700	35	19	46	..	45	.4	12 months.	....	Poorly nourished; vomiting present; skin very pale	Anemia.
	8-7	101.	4,820,000	18,000	37	21	40	6	50	.5—				
18	8-4	100.4	5,480,000	14,000	41	41	12	4†	70	.6	6 months.	99.3	Wt. 11 lbs.; poorly nourished; enlarged spleen; glands papular; pustular eruption on scalp; vomiting frequent.	Enteritis.
	8-17	98.8	3,650,000	.....	..	..	..	..	80	1.1				
19	8-16	99.4	5,460,000	15,000	22	18	48	2	80	.7	132 months.	....	Poorly nourished	Goiter.
20	7-26	99.	5,400,000	25,000	34	10	47	..	90	.8	24 months.	98.9	Wt. 19 lbs.; enlarged spleen; brown macular rash on breast; pediculi capitias with resulting abscesses on scalp; excoriations.	Rickets.
21	8-1	99.	.....	27,100	39	7	34	..	90	.7	7 months.	98.8	Wt. 15 lbs.; well nourished; glands; throat lesion; generalized papular eruption; frequent vomiting.	Enteritis.
	8-12	98.4	5,320,000	9,000	12	39	39	..	70	.7				
22	8-3	99.8	5,180,000	15,600	59	28	8	5	70	.7	3 months.	100.1	Wt. 9 lbs.; poorly nourished; glands; mouth lesion; papular eruption; mild conjunctivitis.	Enteritis.
	7-16	99.6	3,162,000	11,000	48	24	23	4	90	1.5				
23	8-10	99.	5,240,000	21,000	18	32	50	..	70	.7	48 months.	100.	Wt. 26 lbs.; nutrition fair; fissured anus; walked at 20 months; convulsions; talks very brokenly; pupils dilated; vaginitis.	Cerebral palsy.
24	8-21	99.2	4,800,000	13,000	42	14	44	..	70	.7	72 months.	....	Nutrition poor	Vaginitis.
25*	8-6	103.2	4,740,000	21,000	20	37	39	† 1	60	.6	3 months.	101.	Poorly nourished; twin of patient, Case 26	Enteritis.
26	8-6	102.8	4,680,000	16,000	38	40	20	2	50	.5	3 months.	101.1	Wt. 9 lbs.; poorly nourished; vomiting; uniform papular eruptions; edema about eyes; twin of patient, Case 25.	Enteritis.
27	8-16	93.8	4,520,000	8,000	51	21	28	..	90	1.	3 months.	95.5	Wt. 6 lbs.; right parietal bone depressed; arms and legs spastic; soft broad palate; enlarged breasts.	Hemiplegia.
	8-18	96.1	4,290,000	20,000	38	26	36	..	75	.9				
28	8-7	98.2	4,495,000	21,500	46	12	38	4	70	.7—	11 months.	....	Nutrition fair; abscess; staphylococcus	Enteritis.
29	8-2	103.3	4,480,000	53,000	7	6	87	..	60	.6	36 months.	101.5	Wt. 22 lbs.; nutrition fair; excoriations; respirations, 64; mycoides and streptococcus; tuberculous father.	Pneumonia.
30	7-16	98.6	4,440,000	25,000	36	34	30	..	70	.7	5 months.	99.9	Wt. 7 lbs.; enlarged spleen; lesions in mouth; later wt., 4 lbs.; mother died of tuberculosis.	Malnutrition.
31	8-16	100.2	4,280,000	11,000	28	16	46	..	70	.7	3 months.	99.9	Wt. 18 lbs.; glands on neck	Enteritis.
32	8-16	100.	4,880,000	16,000	30	30	39	1	60	.6	15 months.	99.6	Well nourished	Indigestion.
33	7-12	100.	3,960,000	12,240	40	29	31	..	55	.6	10 months.	....	Nutrition fair	Indigestion.
34*	8-12	97.6	3,240,000	20,500	27	14	58	1	50	.7	2 weeks.	98.7	Wt. 6 lbs.; poorly nourished; vomiting present; mouth lesion; excoriations	Enteritis.
35	8-14	100.4	3,256,000	13,000	36	24	40	..	70	1.	1 month.	....	Nutrition fair; vomiting present	Indigestion.
36	.....	98.	4,800,000	12,000	52	8	30	10	85	.8	96 months.	98.6	Thick lips; arrested development; involuntaries; tremor; constipation; mentality fair.	Chronic bronchitis. Cretinism.
Normal blood av.			5,000,000	10,000	60	10	34	7.5	85	8.5				

* Fatal Cases. † Two per cent. myelocytes. ‡ Two per cent. mast-cells. § Myelocytes.

holds true in a comparison of the acute Cases 4 and 29.

It would seem that the value of the blood count in the diagnosis of infantile anemia was negative and this is true if we expect to gain from the blood count the indications of any one specific etiologic fact for our anemia.

SIGNIFICANCE OF BLOOD EXAMINATION.

But let us look for the significance of blood examination. The following conclusions may be reached:

1. In those cases which present the clinical aspect of an anemia and show a high or even normal red blood count, there is a concentration of the blood, pointing to the lack of sufficient ingestion of fluids or to a depletion of the system from vomiting or from diarrhea and indicating a high concentration of toxic substances.[9]

2. An examination of Cases 11, 23 and 36 when compared with those of (so-called) enteritis would lead us to conclude that the increase in the number of white cells is due to the specific character of absorbed toxins rather than to the toxicity of the same. If we have present in the intestinal tract or in the abraded surfaces more than one variety of micro-organisms, then the number of the white cells and the differential count will not be characteristic of either.[10]

3. Lastly, we must look to the hemoglobin for some definite information as regards the condition of the blood in these cases. Here we find a more uniform index of the actual condition prevailing. When we take this in conjunction with the red count we can readily see that the color index gives us a still more exact indication of the anemic picture.[11]

DISCUSSION.

DR. JOHN LOVETT MORSE, Boston, said his experience leads him to believe that these red blood counts are too high. Granting that the counts are correct, he is inclined to doubt to a certain extent Dr. Cook's explanation of them. While that would explain the concentration of the blood in enteritis and marasmus, it would hardly explain the high red count in scurvy, goiter, etc. Dr. Morse thinks that a more reasonable explanation of the pallor in these conditions of malnutrition is that there is a contraction of the large superficial capillaries and a concentratiop of the blood in the internal capillaries, so that a red count taken from the ear or finger does not give a true picture of the blood condition. A study of the anemias in infancy shows that the anemia is almost never the primary condition, but merely a manifestation of disturbance of nutrition.

DR. A. H. WENTWORTH, Boston, said he can not see how these cases can be classified under anemia. The hemoglobin may be a little low in some of the cases. With such a high count it does not seem to him that the condition is anemia. He does not know whether or not the counts were all made by one person, but it would appear as if the element of personal equation must have entered and that there must be some error in the red counts. The number appears to him altogether too high for the condition.

DR. J. C. COOK, Chicago, stated that he considered Dr. Morse's criticism just and that it probably throws some light on the subject, in that the contraction of the capillaries may cause the appearance of the red blood cells. All the counts were made by the same man and they are actual facts. The whole work shows but one thing, the concentration of the blood in these cases. Dr. Cook thinks it has been observed that as many children die of toxemia as of actual exhaustion.

9. Similar findings were made by Koplik, N. Y. Med. Jour., xi, p. 84.

10. Annales de Gynecologie et d'Obstet., i, p. 51; also Da Costa: "Hematology," 1902, p. 208.

11. Cabot: "Clinical Examination of Blood," p. 120; also Da Costa, "Hematology," 1902, p. 122.

THE DIETETIC TREATMENT OF DIABETES MELLITUS.*

MAX EINHORN, M.D.
Professor of Internal Medicine at the New York Postgraduate Medical School.
NEW YORK.

In no disease does diet form a more important part of the treatment than in diabetes mellitus. As is well known, the nature of the disease consists in the fact that the organism is unable either entirely or nearly so to utilize the carbohydrate foods. We thus have to deal with a genuine anomaly of metabolism, and the main points of treatment will consist of a rational and appropriate diet so long as there is no specific remedy for this disease.

As it is possible to live on meat and fat alone without carbohydrates, it was natural to exclude this latter group of foodstuff from the diabetic diet. This was, indeed, done by the earliest observers who had knowledge of the nature of diabetes (Rollo, 1796), and this diet was adhered to with slight modifications until the present time.

The following disadvantages are attached to a purely animal diet: It offers too little variety and departs too much from the usual mode of life, and in this way will soon pall on the appetite. At the same time it is poor in inorganic salts, thus predisposing to a surcharge of the organism with acids (acidosis) and subsequent comatose conditions.

An absolute meat and fat diet can be borne for only a short period. Such a diet would be about as follows:

STRICT DIET.

8 a. m.: Two eggs, butter, tea; 11 a. m.: Ham, wine; 1 p. m.; Beef tea, 200 grams of meat or fish, one egg, lettuce or spinach; 4 p. m.: Coffee, two eggs and butter; 7 p. m.: Three eggs fried in lard, or fish with eggs or cold roast.

A trace of sugar is contained even in this diet, but it hardly amounts to over 1 per cent. By the addition of some milk and cream this diet may be made a little more agreeable, although the quantity of sugar is greater.

Such a diet list may be put together about as follows:

INTERMEDIATE DIET.

Breakfast: 200 grams of milk with 50 grams of cream, two eggs, butter and 100 grams of roast.

Dinner: 200 grams of meat or fish with asparagus or peas, salads.

4 p. m.: 200 grams of milk with 50 grams of cream.

Supper: Four scrambled eggs with 120 grams of ham.

C. von Noorden[1] determines first how much carbohydrate a patient can assimilate and allows about half of this. Such a procedure appears very rational, but can be conducted only in special clinics and not in general practice. It is best to arrange the diet according to customary principles, varying it slightly to fit the individual requirements of the patient. Whether or not a diet agrees with the patient can best be determined by noting the diminution of the quantity of sugar, as well as the total daily quantity of urine, and secondly and mainly by the patient feeling better and stronger.

According to the experience of most clinicians, it is best to permit diabetics a certain, although limited, amount of carbohydrates.

* Read in the Section on Pharmacology of the American Medical Association, at the Fifty-seventh Annual Session, June, 1906.

1. C. von Noorden: "Ueber Hafercuren bei schwerem Diabetes mellitus," Berl. klin. Wochschr., 1903, No. 36, p. 817.

Seegen's[2] diet list for diabetics is probably the best known and, therefore, I will quote it in full:

SOLIDS.

Allowed in Any Quantity.—Meat of every kind, smoked meat, ham, tongue, fish of every kind, oysters, mussels, crabs, lobsters, meat jellies, aspic, eggs, caviar, cream, butter, cheese and bacon. Of vegetables: Spinach, lettuce, endive, Brussels sprouts, pickles, fresh asparagus, watercress, sorrell, artichokes, mushrooms, nuts.

Allowed in Moderate Quantity.—Cauliflower, carrots, turnips, cabbage, green beans, berries, such as strawberries, raspberries, currants, also oranges and almonds.

Forbidden Absolutely.—All foods made from flour or meal; bread is allowed in moderate quantities, according to the physician's orders; sweet potatoes, rice, tapioca, arrowroot, sago, grits, vegetables, green peas, cabbage, sweet fruits, especially grapes, cherries, peaches, apricots, plums and dried fruit of every sort.

BEVERAGES.

Allowed in Any Quantity.—Water, soda water, tea and coffee. Of wines: Bordeaux, Rhine wine, Moselle, Austrian and Hungarian table wines—in a word, all wines that are not sweet and that do not contain more than the average amount of alcohol.

Allowed in Moderate Quantity.—Milk, bitter beer, unsweetened almond milk, lemonade without sugar.

Forbidden.—Champagne, sweet beer, cider, fruit wine, sweet lemonade, liqueurs, fruit juices, water ices, sorbets, cocoa and chocolate.

In general, I use about the same diet as Seegen and give the following:

		Calories.
Breakfast:	Three eggs	240
	Half a roll (20 grams)	50
	Butter (30 grams)	251
	Coffee (150 grams), milk (100 grams), cream (50 grams)	203
Dinner:	A plate of soup (200 grams), with egg	85
	Meat (200 grams)	200
	Half a roll and butter (15 grams)	175
	Asparagus with butter sauce (salad)	30
Supper:	Oysters or fish (100 grams)	100
	Three scrambled eggs with butter (15 grams)	365
	Half a roll with butter (15 grams)	175
	Westphalian ham (50 grams)	200
	Apples, tea and cream (50 grams)	138
		2,212

Various diet cures have proved of value in diabetes. Of these the best known are the "milk cure" of Winternitz,[3] the "potato cure" of Mossé, and the "oatmeal cure" of von Noorden.[1]

Whereas Mossé's potato cure has not proved of much value, the other two cures are useful in suitable cases. They should not be extended over too long a time because a too limited diet is harmful if continued too long. Winternitz's milk cure consists in the patient exclusively taking milk (about four quarts daily).

Von Noorden recommends his oatmeal cure, especially in grave cases of diabetes. He uses either Knorr's oatmeal or Hohenlohe's oatmeal flakes. This substance is boiled in water for a long time with a little salt; while boiling butter and a vegetable albuminoid or, after cooling, the beaten white of eggs are added. Roborant may be employed for this purpose with good advantage. The daily quantity is 250 grams of oatmeal, 100 grams of albumin and 300 grams of butter. The soup prepared in this manner is given every two hours. Cognac or wine or black coffee may also be permitted.

No matter what form of diet is instituted, it is always essential to see that the quantity of food is sufficient. In this respect fat (butter, cream, oil, lard) is of more importance here than in other conditions. Alcohol, taken moderately in the shape of whisky, cognac or wine, is also of value. The body receives in the first place more fuel (as 50 grams of alcohol, which may be put down as the daily quantity, contain about 350 calories), and secondly because the patient, with the addition of wine, can take more of the greasy food than without it.

STOMACH COMPLICATIONS.

After thus having touched on the fundamental principles of diet in diabetes mellitus, I would like to add a few words about it in those cases of diabetes which are complicated with affections of the stomach. Two groups of functional disturbances of the stomach are found most frequently in diabetes, hyperchlorhydria and achylia.

If hyperchlorhydria complicates diabetes the treatment is easy, as the diet is the same in both (principally fat and albumin). Even the medicinal treatment of hyperchlorhydria (alkalies, sedatives) influence also the diabetes favorably.

It is different in achylia gastrica complicating diabetes. As is well known, meat is not well borne in achylia gastrica, whereas a vegetarian diet (plenty of carbohydrate) usually agrees best with these patients. We are thus confronted by a dilemma. The diabetes requires a preponderance of animal, the achylia a preponderance of vegetable food. We must find a way to select the food so that while it is rich in albumin and fat it still contains little meat.

In these cases a trial of the von Noorden oatmeal cure would be appropriate.

In three cases of such a combination of achylia and diabetes I have used the following diet list with advantage:

		Calories.
Breakfast:	Three soft boiled eggs	240
	One roll (40 grams)	100
	Butter (30 grams)	251
	Coffee (200 grams) and cream (50 grams)	138
Dinner:	Beef tea (200 grams), with meat powder (30 grams)	118
	Three scrambled eggs	240
	Half a roll	50
	Butter (30 grams)	251
	Spinach or asparagus (50 grams)	82
Supper:	Two eggs beaten with 150 grams of milk and 50 grams of cream	394
	Mashed Potato (50 grams)	63
	Crackers (10 grams)	24
	Cream cheese (20 grams)	79
	Butter (30 grams)	251
9:30 p. m.:	300 grams of Kumyss with almonds and nuts	100
		2,381

It is understood, of course, that this diet must be somewhat varied. I often use pea soups, although they contain a considerable amount of carbohydrates.

After the patient has lived on this diet for about one week, it is better to add for dinner some meat (chicken, calf's brain, sweetbread or chopped meat).

The main point in the treatment of these patients lies in the fact that they have to take more carbohydrates than usual and that they do better under this mode of treatment.

The urine naturally must also serve here as an indicator to determine whether or not the amount of carbohydrate is harmful.

Another class of digestive disturbances occurring in diabetics is that of catarrh of the stomach or bowel. We

2. J. Seegen: "Der Diabetes mellitus," Berlin, 1895; see also Friedenwald and Ruhräh: "Diet in Health and Disease," 1905, p. 470-471.

3. Winternitz und Strasser: "Strenge Milchcuren bei Diabetes mellitus," Centbl. f. innere Med., 1899, No. 45.

usually have to deal with acute affections of the stomach and bowel, or of both organs, produced by overfeeding with too greasy or too heavy food.

In these cases the dietetic treatment must be directed especially against the acute affections and we must leave the diabetes out of consideration.

A bland meager diet is the main thing (beef tea, gruels, milk, possibly raw eggs beaten up in milk or beef tea). When the acute stage of the digestive disturbances is passed we can slowly return to the antidiabetic diet.

DISCUSSION.

DR. HEINRICH STERN, New York City, speaking of the oatmeal cure of von Noorden, Mosse's potato cure and the milk cure, said that everybody knows that milk contains from 4 to 5 per cent. of lactose, which the diabetic organism can burn up only in the rarest of instances. In these few instances, of course, milk may be administered in quantities sufficient to maintain the nitrogen balance. In the case of at least 95 per cent. of all diabetics the ingestion of lactose, on the other hand, will increase the amount of glucose output. Mosse's potato cure is merely an imitation of von Noorden's scheme. Such dietary regulation may be indicated in certain cases of chronic glycosuria, or in certain phases of diabetes, but to recommend them for every diabetic at all times is, Stern said, illogical as well as nonsensical. He declared that it is extremely irrational for von Noorden to give his oatmeal together with 250 or 300 grams of butter every day. Von Noorden says that when the butter is washed the fatty acids of low melting power are eliminated from it. This, it is true, takes place to a slight degree; the greater part of these acids still remains in the butter after ordinary washing with cold water. As pointed out, the acetone substances have for their mother substance oxybutyric acid. This butter, in quantities as recommended by von Noorden, contains enormous amounts of butyric acid. Hence, the diabetic exhibiting acetone, for whom primarily the oatmeal cure was devised, virtually is poisoned by the butyric acid he ingests. What should be done in such instances is to withdraw all fatty acids of low melting power and to substitute therefor those of high melting power. Dr. Stern said that the yolk cure suggested by him furnishes the ideal fatty substances for the diabetic, especially to one exhibiting diaceturia or acetonuria.

DR. S. SOLIS-COHEN, Philadelphia, said he did not know what diet will actually prevent the formation of acetone, diacetic and oxybutyric acids. As a chemical neutralizing agent he is in the habit of giving diabetic patients sufficient sodium bicarbonate to keep the urine alkaline. Sometimes alkaline mineral waters suffice. He considers acid coma the one great danger in those chronic cases of diabetes in which we can even talk about treatment. He does not wait for its appearance, but tries to prevent it entirely by always keeping sufficient alkali in the circulation, and to insure this he instructs his patients to test their urine with litmus paper sufficiently often. When a patient holds his weight and has alkaline urine, the mere percentage of sugar passed does not seem highly important, and Dr. Solis-Cohen frequently allows a wide range of diet in such cases.

DR. O. T. OSBORNE, New Haven, Conn., agreed with Dr. Solis-Cohen. He said that many of these reported cures in diabetes are cures of glycosuria. In diabetic treatment we must keep in mind the ability of the suprarenals, pancreas and liver to deal with sugar and starches. Disturbance of any one of these will allow sugar to appear in the urine, and if on a starch and sugar-free diet, the patient has still sugar in the urine, the case is one of diabetes and not of glycosuria. Osborne believes that the dietetic treatment of diabetes, as it used to be understood, that is, withholding all carbohydrate food, is absolutely pernicious, and that it is important that diabetics should have a properly mixed diet.

DR. MAX EINHORN, New York, said with regard to the origin of the diacetic acid and acetone in the body, that the fats do not cause it. A meat diet appears to be the principal factor in their origins. The reason for this is that all animal food apparently is poor in inorganic matter; the alkalies are more abundant in vegetable foods which have a great deal of potassium salts. In cases of achylia gastrica complicating diabetes more vegetable foods must be given. He has seen many patients who can not get along on the usual diabetic diet. In such cases the oatmeal cure can be tried. Oatmeal contains a great deal of inorganic salts. Winternitz' milk cure can be tried as a change. It is a well-known fact that a patient who will not do well on one substance may derive great benefit from a more liberal diet; it does not matter if there is a little more sugar. The patient may be given four quarts of milk, and the milk contains 4 per cent. of glucose. Empirically, it is known that there are patients who improve under such treatment. Any such cure should not be extended over a long period of time. In order to have a patient live on a diet for a long time he must have a variety of food; none will do for a long time. A meat and fat diet will not do. Symptoms of weakness develop. An effort should be made to add carbohydrates without doing harm to the patient. If bread is added and the patient under such a régime begins to pass two quarts of urine and the amount of sugar rises and he gets weaker, this is not a proper diet and it must be changed.

Always see that the patient does not take too little food, for that alone will be enough to run the patient down. Some patients get weaker and weaker as soon as their malady has been discovered and they have been put on a too limited diet. He takes a piece of meat and does not care for it without bread, and he dies from inanition. If the patient can not enjoy meals without bread, give him bread and put plenty of butter on it and a little wine, if he wants it. Strengthen the organism instead of letting it run down. Shortly after Dr. Einhorn graduated in Berlin he made experiments on frogs and had them live in solutions of water with the addition of pure grape sugar. The object of this series of experiments was to study the amount of glycogen in the liver. The frogs were kept in sugar until killed, and then Dr. Einhorn examined the livers for the amount of glycogen. He found that the frogs that were living in sugar solutions to which an alkali was added had glycogen in the liver, while those frogs which lived in sugar solutions without alkalies had no glycogen in the liver. He believes in the administration of alkaline waters and also in the administration of large doses of alkalies in those patients who begin to show an acid state. If a comatose condition is present then large doses of alkalies should be given.

A NOVEL METHOD OF USING STRYCHNIN AND HYDRASTIN IN SEXUAL AND VESICAL WEAKNESS.*

WILLIAM J. ROBINSON, M.D.
NEW YORK CITY.

I will not weary you with a long paper. I am of the opinion that a practical point, which one can at once utilize on his patient with undoubted benefit, is of greater importance—to practical physicians—than a long abstruse paper, dealing with guesses and hypotheses and theoretical considerations, which may or may not possess value.

There is a very large class—much larger than one would imagine—of patients who are suffering from a weakness of micturition. I deliberately use this indefinite term. I do not refer to difficulty in urinating due to stricture, to prostatic hypertrophy, etc. No; there is a weakness without any discoverable pathologic basis; simply the bladder and sphincters have lost their tone, and the urine comes out without any force; the stream is split up into several thin streams and at the completion of the act there is considerable dribbling, which is very annoying to the patient, especially of the better

* Read in the Section on Pharmacology and Therapeutics of the American Medical Association at the Fifty-seventh Annual Session, June, 1906.

classes. As a rule, there is a small amount of residual urine in the bladder. If this condition just described is not attended to, it is apt to become aggravated, leading to cystitis with its well-known symptoms and sequelæ.

The number of people suffering with sexual disorders of one sort or another is exceedingly large, so large, indeed, that only he who makes a specialty of these cases can have any idea of their frequency. But of all sexual disorders we come in contact with, by far the most common is ejaculatio præcox. It is more common than all other sexual disorders combined. To one case of impotentia coeundi or generandi, or absence of libido sexualis we have 30 or 40 cases of ejaculatio præcox. And it is as common in young men of 18 as in strong men in their prime at 35, or in elderly men at 50 or over. Into the causes of ejaculatio præcox I will not go in detail. I merely mention that those causes are numerous, the chief four being excessive masturbation, excessive sexual indulgence, neurasthenia or nervous depression and chronic gonorrheal posterior urethritis, comprising in the latter term also prostatitis and vesiculitis.

OBJECTIONS TO ADMINISTRATION BY THE MOUTH.

It is universally conceded that strychnin is the remedy *par excellence* in loss of tone and functional atony of every character. That it is of benefit in vesical and in certain stages or varieties of sexual weakness nobody will deny. But the usual method of administration by the mouth is frequently open to grave objections.

The first objection is the dose of strychnin, which we must give in order to make an impression on the local condition. The administration of toxic drugs is always an evil, and, though a lesser evil than the condition for which it is given, it is an evil nevertheless, and the smaller the dose with which we can accomplish our purpose the lesser the evil. Administered internally, we must give it in doses of 1/20, 1/16 and even 1/10 gr. in order to achieve results. And the drug must be given for a considerable length of time.

The second objection is that strychnin administered by the mouth acts very injuriously in a large number of cases. Many neurasthenics are very much aggravated by strychnin. I have had occasion to convince myself of this fact dozens and dozens of times. Any possibility of suggestion is excluded. I have had many patients tell me that since they took those tablets or medicine, they being ignorant of what they were taking, they felt a heat, a burning sensation along their spine and were weaker and more irritable. Pollutions are frequently very much aggravated by strychnin administered in the ordinary way. Again, in people with good normal arterial tension, it may cause splitting headaches; it may produce diarrhea and it very often increases the libido sexualis, a condition which we, in many cases, most decidedly wish to avoid. All those considerations have led me to search for different methods and avenues for the introduction of strychnin.

AUTHOR'S IMPROVED TECHNIC.

And after many theoretical considerations and practical trials I have elaborated a plan which is giving me and my patients extreme satisfaction. The plan is very simple and consists in depositing a solution of strychnin by the aid of a Guyon syringe into the urethra, either just within the vesical sphincter or anteriorly to it, into the posterior urethra. But before giving the exact technic, I will state that I found a combination of strychnin with hydrastin much more efficient than the strychnin alone. The hydrastin exerts a distinctive curative action on the catarrhal or slightly congested condition of the urethral mucous membrane; its action is particularly marked when the vesical or sexual weakness is the result of chronic gonorrheal urethritis; but even when due to other causes the action is remarkably beneficial. The combination I have been using for several years is as follows:

Strychninæ sulphatis.....gr. i	06
Hydrastinæ hydrochloridi.....gr. x	6
Sol. acidi borici saturatæ.....400 drops.	

One minim of this solution represents 1/400 grain of strychnin and 1/40 grain of hydrastin.

I have the patient urinate, wash out the urethra with a boric acid solution of 1/10000 solution of oxycyanid of mercury. I fill up the Guyon syringe, attach the properly sterilized Guyon catheter, screw down the piston until a drop appears at the opening, and introduce it into the urethra to the spot where I want to deposit the solution. By turning the screw I deposit just as many drops as I wish to. Each turn of the screw corresponds to one drop. I seldom use more than 4 drops, corresponding to 1/100 grain of strychnin and 1/10 grain of hydrastin. And with this small dose, administered once or at the most twice a week, I accomplish more definite positive results than with 1/20 grain of strychnin by the mouth three times a day and every day in the week. In other words, I accomplish with 1/100 to 1/50 grain strychnin given endorethrally more than with 1 to 2 grains administered by the mouth. And, besides, I have no after-effects. None of the undesirable accompaniments of strychnin which I have enumerated have ever made their appearance.

I do not wish it understood that this is the only combination I use. I sometimes combine the strychnin and hydrastin with ergotin, sometimes with adrenalin, sometimes with both. I also use other combinations and I do not give them here in detail because the object of this paper is not to present a detailed treatment of vesical and sexual weakness. My sole object is to call attention to the medicinal treatment of a class of diseases which are very often obstinate and in which internal treatment is either unsatisfactory as to results or as to undesirable by-effects.

Are there any cases in which this local instillation is inapplicable? I have not come across any. There is a small percentage of patients in whom the slightest manipulation of the urethra with the softest catheter, the instillation of a drop of water in the posterior urethra, will cause pain, spasm and even fever. In such cases a local anesthetic occasionally becomes necessary.

I do not use cocain in the urethra, have not used it for years, since a disagreeable experience in which I had nearly lost a patient. I use some of the well-known substitutes for cocain, my favorites being the lactate of benzoyl-vinyl-diacetone-alkamin or the hydrochlorid of benzoyl-tetramethyl-diamino-ethyl-isoprophylic - alcohol.

I have also used strychnin and hydrastin in the form of rectal suppositories. The results, while not equal to those obtained by the local instillation of the alkaloids, are still very good. It is well to bear in mind, however, that the rectal dose of strychnin is, by exception, smaller than the dose by the mouth. A great portion of the strychnin becomes destroyed in the gastrointestinal canal and only a small percentage remains unchanged to exert its physiologic effect. This is not the case when the strychnin is exhibited by the rectum, and 1/100 grain of that alkaloid by the rectal route has a better effect,

and without any drawbacks, than 1/40 or even 1/30 of a grain administered by the mouth.

CONCLUSION.

I wish to make a plea for the stomach. Let us let the stomach alone as much as possible. Let us reserve the stomach for food and drink, and whenever possible let us utilize other avenues for the introduction of medicine. It is true that there is no other avenue that is just as convenient, but using other avenues the action of the remedy is more clear-cut, and we can often obtain results unobtainable with drugs administered by the mouth.

And I will beg your indulgence for giving an additional illustration. We all know the great value of oleum santali in urethritis, cystitis, ardor urinæ, strangury, etc. We also know how liable it is to upset the stomach, destroy the appetite, etc. Some people are utterly unable to stand it. In selected cases I have, therefore, utilized an emulsion of oil of santal, injecting it directly into the bladder. In strangury particularly and in cystitis in general, the effect is striking, occasionally simply marvelous. And we obtain these results in a very short time, often immediately, without punishing the stomach for sins committed by another organ, without taxing and irritating the kidneys; in short, we do not upset the entire organism in order to influence medicinally one spot in it. And this is the object of this paper: attempt to treat locally all affections which can be reached by local means.

DISCUSSION.

Dr. E. T. Tracy, Boston, considers the application of medicines locally to affections of the mucous membrane of the urethra successful. He thinks that perhaps much of the efficacy of Dr. Robinson's treatment in these cases of irritation is due to the hydrastin because the small amount of strychnin (1/100 of a grain, three times a week) hardly seems capable of producing marked influence. The hydrastin, he said, has a soothing, healing effect which brings the mucous membrane into a normal condition and does away with the reflex conditions which bring about premature ejaculation.

Dr. A. L. Benedict, Buffalo, N. Y., pointed out that in treating the stomach, which is easily reached, the tendency is to use local means. He does not advocate the uniform use of instrumentation through the esophagus. Many of the devices are unnecessarily elaborate, yet in the treatment of the stomach and esophagus it is necessary to use special local methods of medication. How much more so should this be true in the case of the urethra and surrounding parts, which are reached in the most roundabout way, and in the most fractional dose by medicines administered by the mouth. He asked Dr. Robinson to explain the difference between hydrastin and hydrastinin. Although much has been written about the active principles there is still, he said, a great deal of confusion about them.

Dr. W. J. Robinson, New York, said that he has tried strychnin alone, and then used hydrastin separately. The real tonic action is reinforced by the hydrastin, but he does not ascribe the greatest benefit to it. The strychnin is the principal thing; the hydrastin comes next. As to the difference between hydrastin and hydrastinin, he uses hydrastinin as a hemostatic only; in purely congestive conditions he has always been in the habit of using hydrastin (the alkaloid, not the resinoid).

The Opsonic Index.—By the term opsonic index is meant the relation of the phagocytic index (obtained by dividing a total number of bacteria incorporated by a total number of leucocytes incorporating) of the serum of the diseased person to that of a healthy person. In more simple language still, it is the active resistance to disease, measured by comparison with a standard.

THE RESULTS OF THE COMPLETE AND INCOMPLETE OCCLUSION OF THE ABDOMINAL AND THORACIC AORTAS BY METAL BANDS.*

W. S. HALSTED, M.D.
BALTIMORE.

[ABSTRACT.]

[Dr. Halsted prefaced his remarks with a brief historical sketch of the results of ligation of the abdominal aorta in animals and man and demonstrated an instrument and the method employed in the application of the metal (aluminum) bands.]

With the assistance of my house surgeon, Dr. W. M. F. Sowers, who most zealously aided me in making the experiments, and Dr. E. H. Richardson, a member of the surgical staff of the Johns Hopkins Hospital, during the past twelve months, I have been able to conduct experiments on the aortas of more than one hundred dogs and have noted particularly:

1. *The effects of occlusion*, partial and complete, immediate, mediate and ultimate on the blood pressure, general and local (above and below the band). The pressure below the band is lowered in proportion, roughly, to the amount of occlusion. The return of the pressure to approximately normal below the band is rapid, but varies greatly in the different dogs. For example, in one dog, a rise below the band of ten millimeters (Hg manometer) was noted in ten minutes; whereas, in another, two hours were required for a rise of fifteen millimeters. For the return of the normal pulse wave months may be required.

2. *The macroscopic and microscopic findings* in the arterial wall. (a) Partially occluding bands produced, as a rule, no macroscopic change in the aortic wall under the band, even after seven or eight months. (b) Under completely occluding bands the wall usually atrophied, and in the course of weeks or months was absorbed. (c) *When the lumen is almost but not quite occluded, complete occlusion may result spontaneously with the conversion of the arterial wall embraced by the band into a solid cylinder of living tissue. This may be considered the ideal closure of an artery*, and hitherto has probably not been achieved. Although this spontaneous secondary occlusion has occurred only thrice in the long series of experiments, it might, perhaps, if systematically tried for, be accomplished frequently, and ultimately the band might be so accurately applied that, unaided further by the surgeon, a partial occlusion would be likely to proceed to total occlusion.

3. *The effects on the spinal cord* and its coverings. The study of the spinal cords was entrusted to Mr. P. K. Gilman (now Dr. Gilman and a member of my staff), whose trained eye discovered in a number of cases, about three months after operation, a deposit of extradural fat about the cord below the site of the aortic band. In three cases the production of fat was so great that it filled, seemingly under considerable tension, the vertebral canal. This is a phenomenal discovery and one which signifies much, whether on further investigation it be found that lesions in the spinal cord or simple anemia of the particular extradural region are responsible for the deposition of fat. It is important to determine with precision the limitations of the fat deposit and to ascertain if regions at a distance, supplied by

* Read in the Section on Surgery and Anatomy of the American Medical Association, at the Fifty-seventh Annual Session, June, 1906.

nerves derived from the affected cord-area, yield symmetrical masses of fat.

As to the practical value of the occlusion of blood vessels by the metal band, I have in mind the gradual occlusion of large arteries, particularly the aorta, abdominal and thoracic. A vessel partly closed by a nicely rolled band may subsequently be completely occluded either spontaneously (ideal result) or by the pressure of the fingers or of a forceps on the band. It is conceivable that in some instances this subsequent tightening of the band might be accomplished subcutaneously, but usually a second, though comparatively insignificant, operation would be required. Aortic aneurisms if situated too high for the subdiaphragmatic application of the band might be cured by a band on the thoracic aorta. To apply a band to the thoracic aorta is not difficult and may be executed rapidly without the excision of a rib. When it may be necessary to test the effect of blocking an artery before permanently occluding it, as in carotid, popliteal and high femoral ligations, the metal band might be desirable because (1) it serves the purpose of both clamp and ligature; (2) during the operation it may be safely removed if advisable, for the arterial wall is uninjured by it; (3) if too tightly rolled it may be removed at any time after the operation, even days thereafter, in case gangrene threatened or cerebral symptoms developed for, the arterial wall being uninjured, the normal lumen remains.

I have at present under observation a dog whose thoracic aorta has been experimentally occluded. The aluminum band was not rolled so tightly as completely to occlude the artery or to produce demonstrable weakness of the hind legs. The recovery from the operation was uneventful, but about three weeks thereafter paraplegia developed suddenly and, coincidently, disappearance of the femoral pulse on both sides. I expect to find that complete occlusion of the thoracic aorta has been spontaneously accomplished, and in the manner above described. Partial occlusion, not becoming complete, might of itself occasionally cure an aneurism.

In the human subject I have partially occluded the innominate once and the common carotid four times, successfully, with the aluminum band. In a case of large popliteal aneurism I employed the metal band to occlude completely the femoral artery because this method enabled me particularly well to test the blood pressure during the gradual process of occlusion. In the case of a woman asphyxiated to unconsciousness by an aneurism of the aortic arch I exposed, carefully and freely and without puncturing either pleural cavity, the heart and the arch of the aorta, hoping possibly to be able to encircle with a band the aortic arch between the regions of the innominate and left carotid arteries, but the aneurism so involved the entire arch as to defeat the earnest endeavor to execute the procedure.

I may assume that it is not necessary to remind this audience of the results which have attended ligation of the human aorta. The most successful of these operations was performed in 1899 by Dr. W. W. Keen, whose patient, the thirteenth case, lived forty-three days.

DISCUSSION.

Dr. W. W. Keen, Philadelphia, said that when he commenced the operation, which he did about seven years ago, it was with the intention of getting at the sac safely and without injuring the abdominal viscera, in order to introduce wire into it, but when he found the rather long portion of the aorta apparently free from disease, he felt that it was "dying in the face of Providence" not to tie it, and he did so, making the thirteenth case on record. He regretted to say that the procedure was followed by a thirteenth death; but the patient lived for forty-three days, the longest period on record.

Since then Tillaux and Körte have tied the aorta twice more, making fifteen cases and fifteen deaths. After his own experience, when Dr. Keen had felt the enormous rebound of that aorta and the narrow ligature that we put on such vessels, he made up his mind that never again would he be tempted to tie the aorta in that way. And accordingly he devised an instrument for the purpose of its obliteration, not by a narrow ligature, but by a broad metal clamp, one clamp behind the artery and the other in front of it and adjustable by a screw.

The work done by Dr. Halsted, Dr. Keen said, certainly is most notable and it is precisely along the line of what he believes is going to bring success after the fifteen recorded failures, that is, that the aorta must be obliterated not narrowly, as by a ligature, but by a band in order that we shall avoid exactly what happened in one of Dr. Halsted's cases, that the edge of the ligature cuts through the vessel and as the result of this the animal died from secondary hemorrhage.

REDUPLICATION OF HEART SOUNDS.

HENRY C. PILLSBURY, M.D.
Contract Surgeon, U. S. A.
WASHINGTON, D. C.

Reduplication means doubling; that is, the sounds still strike the ear, not as a single tone, but as a double tone. Both the first and the second sounds may be reduplicated. The appearance of extra beats is a totally distinct phenomenon.

This subject has received scanty attention. Potain, in a study of 500 hearts, makes the first mention in literature. In a certain percentage of normal hearts, he found a doubling of the first sound at the end of expiration and beginning of inspiration; of the second sound, at the end of inspiration and beginning of expiration. All later observers have agreed as to the accuracy of Potain's observation. But as to the interpretation of the phenomena the theories advanced are as variable as possible.

It seemed at once obvious that the reduplication must have a distinct relation to the respiratory cycle. Acting on this basis, Sibson[1] and Barr[2] engaged in a controversy. Each observer based his views on the observation of a limited number of cases. Each observer assumed that the heart sounds were reduplicated only during the appropriate respiratory cycle. As pointed out by Ohastzow,[3] if these observers were correct, then all normal hearts should be reduplicated; furthermore, in many case the reduplication persists at all stages of respiration.

CAUSE OF REDUPLICATION.

Sansom[4] considered that reduplication is due to asynchronous ventricular contraction. In support of his contention is a case of cleft sternum, direct cardiographic tracings showing that the right and left ventricles did not beat in unison in that particular case. Barr,[2] in an experiment on a cat, proved that the two ventricles do not beat synchronously when the chest is opened. Barr also advanced a case of adherent pericardium, with mitral stenosis and regurgitation. One lever placed near the xyphoid and another over the apex did not move in unison. Because of the adherent pericardium the experiment is of little value. A case is

1. Sibson: Jour. of Anat. and Phys., 1880, p. 238; Lancet, 1874, pp. 438 and 506.
2. Barr: Liverpool Med and Surg. Jour., July, 1882; also, Med. Times and Gazette, 1877.
3. Ohastzow: Ztschr. f. Klin. Med., Berlin, 1905, vol. lvii, pp. 70 to 90.
4. Sansom: Med. Times and Gazette, 1881.

reported by Bindley[5] in which by auscultation two first sounds were heard and by palpation a double apex impulse was felt. Ohastzow[3] mentions a number of similar cases. Three such cases have occurred in my own series. Bindley[5] attributed this to asynchronous ventricular contraction. Austin Flint[6] agrees with Sansom that the cause of reduplication is asynchronism. Bramwell[7] considered that reduplication was due to auricular sound. He is supported by Ohartzow.[3] Whatever the cause of reduplication may be, it is a sign of very definite clinical value.

METHOD OF EXAMINATION.

The results appended are based on examination of 162 cases. In every possible case the record included: presence or absence of reduplication of the first and the second sounds; age, height and weight of the patient; general condition, past history and present illness; presence or absence of palpitation, cardiac pain, dyspnea, cyanosis and edema; situation of the apex and right border; presence or absence of murmurs, condition of the artery and the pulse; duration of disease; permanence of reduplication, whether following exercise or holding breath; presence or absence of an extreme degree of nervousness; habits of using tea, coffee, alcohol and tobacco. The cases were compiled at the Male Medical Out-patient Department of the Massachusetts General Hospital, in the wards of the same hospital, at the Boston City Hospital Relief Station, and at the Massachusetts State Hospital in Tewksbury. Whenever possible the cases were followed from day to day.

In bringing out a reduplication more than the ordinary care must be exercised. All surrounding conditions must be favorable. The heart should be auscultated both in the sitting and dorsal position. Furthermore, the heart should be accelerated. This is best brought about as follows: Patient takes a deep breath and holds it; the hearts beats more slowly. When the slowing has reached the maximum he lets out his breath and holds it so; the heart rate is accelerated. Repeating this maneuver will cause the heart rate to be accelerated, sometimes up to 30 beats a minute. Patient may then breathe naturally, and the acceleration of the heart will persist for a short time. This is superior to exercise, as the heart beats are not increased in force, but only in rate. At this time, when the heart is racing, a reduplication can be heard, if at all. Frequently a reduplication heard only during the appropriate respiratory phase (as pointed out by Potain) persists throughout the entire cycle.

Reduplications of the first sound are heard best in the third and fourth intercostal spaces, just to the left of the sternum. Often it can be detected here when it can not be heard over the apex. Rarely the rule is reversed. Pronounced reduplication can be heard over the whole precordia and in the axilla. Reduplications of the second sound are heard best in the second and third intercostal spaces to the left of the sternum. The reduplication is best heard with the Bowles stethoscope, using the large-sized tambour. It can not be heard as well with the unaided ear.

Pathologic reduplications, and sometimes those heard in normal hearts, are commonly so clear that it is unnecessary to go through all these maneuvers.

5. Bindley: Lancet, 1881, p. 46.
6. Flint, Austin: "Auscultation of the Heart," 1890.
7. Bramwell: "Diseases of the Heart," 1884.

RELATION OF THE SECOND SOUND TO THE FIRST SOUND.

The first sound is reduplicated much more frequently than the second. Not uncommonly both are reduplicated. With the exception of mitral stenosis and those conditions altering the relative blood pressure in the greater and the shorter circulations the second sound is reduplicated only when the first sound is reduplicated.

TRANSITORY REDUPLICATIONS.

Not infrequently the reduplication is present one day and gone the next. For example:

Case 1.—M. D. had hypertrophy and dilatation of the heart. When first examined he was in very poor condition. The apex was two inches to the left of the nipple line, the right border three-fourths of an inch to the right of the sternum. There were no murmurs. Cyanosis and dyspnea were marked. Pulse was very irregular in volume and tension. Both the first and the second sounds were reduplicated. Two days following his condition was much improved. Cyanosis and dyspnea were markedly less. The reduplication was gone.

Case 2.—E. had same disease and symptoms. There was reduplication of the first sound, not of the second. As his condition improved the reduplication became more difficult to hear, and finally disappeared on the tenth day, simultaneously with a much improved condition.

Case 3.—A. J. had had typhoid and was convalescent. There was reduplication of the first sound for four days. On the fifth day it disappeared. On the sixth day he sat up for the first time, and reduplication of both the first and the second sounds appeared.

These three cases illustrate well the relation between the efficiency of the heart and the presence of reduplication.

RELATION BETWEEN REDUPLICATION AND GALLOP RHYTHM.

There is a very close relation between reduplication and gallop rhythm.

Case 4.—Mrs. V. had myocarditis. There was extreme irregularity of the heart and gallop rhythm. Both the first and the second sounds were clearly reduplicated.

Ohastzow[3] has shown that between the reduplication that can barely be heard in the normal heart and gallop rhythm there is a perfectly definite relation; that the barely perceptible reduplication stands at one extremity of the scale; gallop rhythm at the other. He classifies all cases of reduplication thus:

1. Reduplications barely heard in the dorsal position, with reference to respiration, i. e., for the first sound, at the end of expiration and beginning of inspiration; for the second sound, at the end of inspiration and beginning of expiration.

2. Reduplications also heard in the sitting posture, but only in the third and fourth intercostal spaces to the left of the sternum.

3. Reduplications heard at the apex throughout the respiratory cycle.

4. Palpable double apex impulse.

5. Gallop rhythm.

This classification is, in the most part, true, but there may be a very great difference in efficiency between a heart that exhibits a reduplication of the first sound with a double-apex impulse and an actual gallop rhythm. The classification is principally of value in illustrating the close relation between the reduplication heard in normal hearts and gallop rhythm. Gallop rhythm is merely an accentuation of this not uncommon sign.

THE RELATION BETWEEN REDUPLICATION AND EXTRA BEATS.

The relation of reduplication to extra beats is very well illustrated by the case of gallop rhythm cited in the last paragraph.

CASE 4 (continued).—Mrs. V. had marked dyspnea, cyanosis and edema. Heart beat was tumultous and irregular. In addition to the clear reduplication, there were extra beats, followed by no second sound. That is, at all times both the first and the second sound were reduplicated. Occasionally there was a third sound, heard best about 1 inch to the right of the apex, not reduplicated, and not followed by any second sound. This third sound differed entirely in quality from either of the two components of the first sound.

PHYSIOLOGIC REDUPLICATION.

It has been mentioned that the sounds of the normal heart may be reduplicated. Obviously, therefore, in settling the question of the cause of pathologic reduplication some means must be determined to rule out those cases that would, under normal conditions, present a reduplication.

Unfortunately, the criterion is one that depends, to a large degree, on the judgment of the examiner. Out of 77 hearts examined under conditions that ruled out any pathologic interference in their action, a reduplication was present in 41. In 13 of the 41 there was an excessive indulgence in tea, coffee, alcohol and tobacco, which, as will be proved subsequently, will cause reduplication. Of the 28 cases of reduplication remaining, all but one were found to be in persons with thin chest walls.

Examining the problem from the converse point of view, out of 31 persons with thin chest walls a reduplication was present in 27, absent in 4; out of 34 persons with thick chest walls a reduplication was present in 1, absent in 33; 12 cases were on the border line between thick and thin.

The criticism may be at once advanced, however, that in many of these cases it rested with the judgment of the examiner to determine whether a given chest wall might be classed as thick or thin. Wherever possible the patients' height and weight were recorded, and the judgment based on this evidence. So many cases are on record in which there is no possible chance of error as to the thickness of the chest wall that this rule is proven. Given a patient with a thin chest wall, a reduplication to some degree can be heard; if the chest wall be thick, no reduplication can be heard under normal conditions.

No relation can be made between the age of the patient and the presence of reduplication. In his recent article Ohastzow[3] claims that the tendency to reduplication increases as age advances. This observer divided his cases of reduplication into decades, and was struck with the fact that the larger numbers were found in the decades over 40. This was true, but he does not give the percentage of reduplications in men of approximately the same age. That is, if he has 100 patients between 40 and 50 years of age and 50 patients between 10 and 20, it is not surprising if more reduplications are recorded in the later decade.

As opposed to this contention, however, is the fact that my series was grouped in 5-year periods, with both positive and negative cases. There was no marked difference, the percentage of reduplications being about the same in each period, with the exception of the years 15 to 20 and 20 to 25, which showed an excess of positive cases over negative.

TEA, COFFEE, ALCOHOL AND TOBACCO.

The question of the influence of the excessive use of tea, coffee, alcohol and tobacco on the appearance of reduplication is difficult to determine with a sufficiently great number of cases. In the first place, patients' stories as to their habits are frequently untrustworthy. This at once reduces the list to those whose account may be relied on. Furthermore, it has been already noted, that in those persons possessing a thin chest wall a reduplication can practically always be heard. There must be no organic disease of the heart, and no interference with the heart's action, by the traction of a contracted lung, pressure of exudates, etc. Lastly, the patient must be addicted to one habit only. It is considered preferable to advance a few cases of pure dosage rather than a large number in which there is a greater uncertainty.

In the limited number of recorded cases of excessive indulgence in tea and coffee, there is no clear evidence that such abuse has resulted in causing reduplication when reduplication would otherwise be absent. One case only is positive:

CASE 5.—G., height 5 feet, 9 inches, weight 175. Present illness, strained knee.

Habits: Six cups of tea a day; no coffee, alcohol, or tobacco. The first sound was reduplicated when the heart was accelerated as above described, by holding and letting out the breath.

As against this case are four negative cases:

CASE 6.—N. Mc., used Oi to Oii of tea daily.

CASE 7.—A. F. used Oi to Oii of coffee daily.

CASE 8.—T. C. used Oi to Oii of tea daily.

CASE 9.—J. T. used Oii of tea daily.

It is at once evident that the four negative cases ingested much larger quantities of tea and coffee than did the one positive case. In view of the prevalent opinion that tea and coffee have an influence on the heart's action, this limited number (5) of cases is insufficient to draw definite conclusions from.

Concerning tobacco the result is far different. It is well known that the tolerance to tobacco varies widely with different persons, and, further, that the same bulk of tobacco smoked out of doors will have less effect than a similar quantity taken in a closed room. Reduplication was due to tobacco in three cases:

CASE 10.—S. J., aged 17, well built, smoked 5 or 6 cigars daily and drank 3 cups of tea and coffee daily. Present illness, neurasthenia. Reduplications of the first and second sounds after breathing exercises.

CASE 11.—J. L., aged 16, well built, used $1 worth of tobacco a week. He smoked and chewed. Patient used no alcohol, tea or coffee. Present illness, pulmonary. Reduplication of both first and second sounds during the appropriate respiratory phase.

CASE 12.—H. R., aged 23, height 5 feet 7 inches, weight 140, smoked 6 cigars a day. He used no alcohol, tea or coffee. Present illness, dyspepsia. Reduplication of the first sound; not distinct.

All these persons used tobacco to excess. None used tea, coffee or alcohol to any degree. All were of the type that should show no reduplication. As against these three cases is one negative case:

CASE 13.—M. O., aged 29, well developed, chewed and smoked one pound of tobacco a week. Patient used no tea, coffee, or alcohol. Present illness, dyspepsia. No reduplication.

In general, it may be shown that persons consuming four ounces or more of tobacco in the week will show the effect on the heart in a reduplication of the first sound.

Excessive indulgence in alcohol will cause reduplication beyond question.

Case 14.—T. K., aged 37, 5 feet 8 inches tall, 138 pounds weight, stripped. For some time patient had been taking whisky before breakfast and during the day; 3 cups of tea a day; no coffee; tobacco, 10 cents a week. Present illness, contused shoulder. First sound was reduplicated at the end of expiration, beginning of inspiration.

Case 15.—R., aged 36, well built, took 4 glasses of whisky, 3 or more of beer daily; tea, 3 cups; tobacco, 25 cents a week. Present illness, gonorrheal knee. There was well marked reduplication of the first sound at all stages of respiration and reduplication of the second sound at the end of inspiration, beginning of expiration.

Case 16.—J. H., 25 years, height 5 feet 5 inches, weight 148, took whisky and 10 or 12 beers daily, and no tea, coffee or tobacco. First sound was clearly reduplicated; second sound, not reduplicated. Present illness, stomach trouble.

All these cases showed very slight use of tea, coffee or tobacco. All were well-built men. It must be noted that two cases of acute alcoholism showed no reduplication. It is to be regretted that two cases only were recorded, but because of the rattling of mucus in the throats of the patients an adequate examination of the heart could be made in only two cases. Further, because of the unconscious condition of these patients, they could not be put through the routine sometimes necessary to bring out a latent reduplication. Although only 3 cases are recorded of a pure dosage with alcohol and nothing else, 12 cases in all are reported which show a definite and trustworthy account of excessive drinking. Only 4 of these showed an absence of reduplication, 2 of the 4 being the acute alcoholics above mentioned.

ARTERIOSCLEROSIS.

The relation of reduplication to arteriosclerosis is of interest, especially as Ohastzow[3] has stated that beginning cardiac degeneration is a cause. Out of 25 cases in my series, in which the arteries were palpable, reduplication was absent in 10, present in 15. Of the 15 positive cases, 3 had nephritis with hypertrophy, 5 myocarditis, 1 mitral stenosis, 2 dilatation with hypertrophy, in 2 the heart was displaced, and in the remaining 2 other causes sufficed to explain the reduplication.

TYPHOID.

Concerning the incidence of reduplication in typhoid fever, there is little to be said. Forty cases were examined, but the findings were at variance with those of hearts under other conditions. In 7 cases of the 40, there was an absence of reduplication, which we should have had a right to expect if these patients were normal. The probable explanation is that the patients were lying quietly in bed. To arrive at any definite conclusion it would be necessary to accumulate a much larger series of cases. Three cases deserve especial notice.

Case 17.—A. J., aged 23, was fairly developed.

November 20: Apex ½ inch outside of nipple; right border, ¼ inch to right of sternum. Habits, excellent. There was reduplication of the first sound.

November 24: Apex at nipple line; right border at parasternal line. Reduplication the same.

November 28: Condition excellent. There was no reduplication.

November 29: Patient was sitting up, feeling rather weak and giddy. Reduplication of both first and second sounds.

Case 18.—J. M., aged 17, was a tall, thin boy. The apex was at nipple line; the right border at parasternal line. Habits were excellent. There was reduplication of the first sound. Nine days later was feeling much better. Reduplication gone.

Case 19.—H. S., aged 16, tall, slender, thin chest.

November 24: The apex was at nipple line; right border at parasternal line. There was reduplication of the first sound.

November 28: Reduplication was gone.

November 29, a. m.: Patient had a rectal examination in the morning and was very nervous. Pulmonic second sound was accentuated. There was reduplication of the second sound, but not of the first. Patient was quiet in the evening. There was no reduplication.

In no case was reduplication accompanied by any marked degree of palpitation or cardiac pain.

REDUPLICATION IN ORGANIC DISEASE OF HEART.

In none of the cases to follow were the patients put through special exercises, and, unless otherwise specified, the reduplication was perfectly distinct and persisted throughout the respiratory cycle.

Nephritis with Enlarged Heart.—There were 7 cases of nephritis with enlarged hearts. In one there was no reduplication of either the first or the second sound. In 2 cases there was reduplication of the second sound only. In both these cases the arterial tension was remarkably high. In 3 cases there was reduplication of the first sound only, and in 1 case of first and second sounds both. In the last 4 cases the arterial tension was not remarkably high.

Sansom[4] reports 4 cases with reduplication of the first sound. Sibson[8] reports 5 cases with reduplication of the first sound. Broadbent[9] and Da Costa[10] mention reduplication of the first sound in this condition.

Dilatation of the Heart.—Of this there were 3 cases. In two the first sound was reduplicated. In one, both first and second sounds. As these cases improved under treatment, the reduplication became more and more difficult to hear; finally it was lost altogether in two of the cases. The third case was discharged against advice, unrelieved. The close relation between the presence of reduplication and the efficiency of the heart was very prominent. Two of these cases have already been mentioned under the heading of "transitory reduplications." Sansom[4] reports 2 cases of "dyspnea with dilatation of the right heart" with reduplication of the first sound. Da Costa[10] mentions that in dilatation of the heart the second sound may be reduplicated.

Dislocation of the Heart.—Of this there were 2 cases. In one the heart was pulled over by a contracted lung. In the other the apex was pushed up into the fourth intercostal space by the accumulation of ascitic fluid. Both these cases showed reduplication of the first sound. The case of contracted lung also showed reduplication of the second sound, due probably to increased resistance in the pulmonary circulation.

Myocarditis.—There were 8 cases of myocarditis. They showed a marked diversity. In 2 cases there was no reduplication; in 2 cases, one of which was associated with nephritis, there was reduplication of the first sound only; in 2 cases there was reduplication of the second sound only, one of which showed a very slight reduplication during the appropriate respiratory phase; 2 cases showed reduplication of the first and second sound, one of which, already mentioned, was an extreme instance of gallop rhythm. The only explanation of these diverse findings is in the scattered pathology of this disease. The only conclusion we can draw is that in myocarditis the heart sounds are commonly reduplicated, and in those hearts which are doing least well the reduplication is more marked. Bramwell[7]

8. Sibson, Lancet, 1874, pp. 488 and 506.
9. Broadbent: "Diseases of the Heart," 1897.
10. Da Costa: "Medical Diagnosis," 1895, p. 481.

mentions reduplication following "disease or degeneration of cardiac muscle."

Mitral Regurgitation.—Of this there were 10 cases. In 8 of the 10 no reduplication was present. In 1 of the 2 positive cases there was reduplication of the first sound. This was in a case of pneumococcus bronchitis, with an old mitral lesion. As soon as the bronchitis cleared up, the reduplication cleared up, leaving the mitral regurgitation. Only one case, therefore, remains which showed a reduplication; in this case, of the second sound. Sansom[4] reports 2 cases with reduplication of the first sound. Obastzow[5] states that in mitral regurgitation reduplication of the second sound is never met with.

Aortic and Mitral Regurgitation.—There were 2 cases; in one there was no reduplication; in the other there was reduplication of the first sound. In the latter case there was doubt as to the absence of myocardial degeneration.

Mitral Stenosis.—There were 3 cases, of which 2 were associated with regurgitation. In no case was there reduplication of the first sound. In two cases there was reduplication of the second sound. In the third case (associated with regurgitation) there was no reduplication. Broadbent,[9] Bramwell,[7] Cabot,[11] Allbut[12] and La Fevre[13] agree that mitral stenosis may cause reduplication of the second sound. Hayden reports 63 cases, with 26 instances of reduplication of the second sound. Sansom[4] reports 37 cases, 11 with reduplication of the second sound.

SUMMARY AND CONCLUSIONS.

Reduplication of the heart sounds is a not uncommon sign.

The cause may be either asynchronous contraction of the ventricles or the auricular sound.

Normal persons with thin chest walls usually show reduplication. Persons with thick chest walls should not.

In persons in whom no reduplication should be present it is a sign of positive value.

Reduplication of the first sound means that the heart is not working properly. This may be due to nervous interference, as in persons with bad habits, or it may mean that the heart is hampered by external agencies, by pressure, or by traction, or, finally, it may mean that the heart muscle is not efficient, either due to systemic disease or inherent conditions.

Reduplication of the second sound alone means an is usually only a more advanced degree of the same condition.

Reduplication of the second sound alone means an alteration in the relative blood pressure of the systemic and pulmonary circulations.[14]

58 Kirk Street.

11. Cabot: "Physical Diagnosis," p. 169.
12. Allbut: "System of Medicine," 1897, vol. v, p. 1018.
13. La Fevre: "Physical Diagnosis, p. 314.
14. For further literature reader may consult von Turgensen: "Erkrankungen des Kreislaufsorgane." Johnston: Lancet, 1876. "Guy's Hospital Reports," vol. i and vi. Gibbs: Lancet, vol. i, 1901, p. 1601. Butler: "Diagnostics of Internal Medicine," p. 885.

Metatarsalgia.—W. E. Blodgett, in the *Physician and Surgeon*, states that the pain in the chronic type of metatarsalgia, as in the ordinary pronated foot, is due to general abnormal tension and pressure. In the acute type, however, the pain is due to such a displacement of the heads of the metatarsal bones that one of the branches of the external plantar nerve is squeezed between two of the metatarsal heads.

THE CULTIVATION OF SPIRILLUM OBERMEIERI.*

PRELIMINARY NOTE.

F. G. NOVY, M.D., AND R. E. KNAPP, B.S.
ANN ARBOR, MICH.

We have heretofore applied the term *Spirillum obermeieri* to the organism isolated by Dr. Charles Norris, from a case of relapsing fever which occurred in New York, in the belief that it was identical with that described by Obermeier in 1873. We will continue to use this term for the present, although, as will be shown, there is reason to believe that the eastern relapsing fever is not identical with the American disease. When further evidence is obtained regarding the non-identity of the organisms found in these regions it may be necessary to restrict the use of the term *Spirillum obermeieri* to the organism found in the eastern disease.

On the other hand, the African relapsing fever, known also as tick fever, has been shown conclusively to be due to a different organism, the *Spirillum duttoni*. As far as we know, the first observation on this organism was made by Dr. D. Nabarro, of the Sleeping Sickness Commission, who noted the presence of spirilla in the blood of a patient in Uganda as early as August, 1903, but this fact was not published until 1905. In November, 1904, the presence of spirilla in tick fever was announced by Ross and Milne and also by Dutton and Todd. This organism was brought to England by Todd, and to Germany by Koch, and has since been studied by several workers.

In our preliminary note[1] we pointed out the probability that tick and relapsing fevers were two distinct diseases, due to different species of spirilla, and in the main paper[2] it was definitely shown that these two organisms were distinct species, and at that time we named the spirochete of tick fever *Spirillum duttoni*. Our conclusion regarding the specific difference of the two organisms was based on a comparison of (1) the animal reactions of the New York spirillum, as ascertained by Norris and his co-workers and by ourselves, with those described by Dutton and Todd and later by Breinl and Kinghorn; (2) the morphologic characteristics presented by our organism with those of the tick fever spirillum in specimens sent by Dr. Todd, and (3) the arrangement of flagella as demonstrated in this laboratory for the New York spirillum and by Zettnow for that of tick fever. Our belief that a full confirmation of this view would be afforded when cross experiments were made with sera of animals immunized to these two spirilla has been realized by the subsequent work of Breinl[3] and by still more recent tests made with our serum by Dr. Schilling at the Institute for Infectious Diseases in Berlin.

It will be seen from the above facts that a recent note made by Breinl and Kinghorn[4] and implying that our conclusion was reached merely from "a study of the two slides sent from these laboratories and of the few experiments given by Dutton and Todd" is not a fair state-

* From the Hygienic Laboratory, University of Michigan. This investigation has been aided by a grant from the Rockefeller Institute for Medical Research.

1. THE JOURNAL, Jan. 13, 1906.
2. Studies on *Spirillum Obermeieri* and Related Organisms, Jour. of Infect. Dis., May, 1906, vol. iii, pp. 291-393.
3. The Specific Nature of the Spirochete of the African Tick Fever, The Lancet, June, 16, 1906.
4. A. Breinl and A. Kinghorn: An Experimental Study of the Parasite of the African Tick Fever (*Spirochete duttoni*), Memoir XXI, The Liverpool School of Tropical Medicine, September, 1906.

ment of fact. In his paper of June 16, Breinl suggested the specific name "*duttoni*," the same as used previously by ourselves. We have employed the generic name *Spirillum* in preference to *Spirochæta* for the reason that the type species of the latter genus, *Sp. plicatilis*, was said by Schaudinn to possess an undulating membrane, but no flagella. Furthermore, the term *Spirillum* expresses our view regarding the bacterial nature of these organisms.

In our article of last May, a brief discussion is given to the relation of the New York spirochete to that of the relapsing fever met with in Bombay, and the statement is made that the evidence on hand points to the existence of three relapsing fevers in man. It is unnecessary to recapitulate the reasons which led us to take this view, but it will be of interest to present in this connection some observations which have been made by Captain I. P. Mackie, I.M.S., and communicated by letter to one of us (Novy). It is generally understood, as a result of the studies of the earlier workers, that the spirillum of relapsing fever does not infect animals other than the monkey. Captain Mackie has produced the disease in rabbits, white English rats, black Bombay rats and in mice, but failed to infect pigeons and goats. In these animals the spirilla appear in less than 24 hours and sometimes disappear in less than 48 hours, but often increase to 56 or more hours. They never become numerous and do not reappear; that is, there is no relapse. These results are in accord with those of Gabritschewsky. The very scanty number of spirilla in his rats is in striking contrast with the result obtained with our *Sp. obermeieri* and with *Sp. duttoni*. Moreover, tests made by Captain Mackie with some hyperimmune serum which we sent him showed that it possessed no agglutinating, germicidal or lysogenic action even in dilutions of 1 to 10. Control tests with some of this serum were made in Ann Arbor, at about the same time as the Bombay tests, and these showed that the serum possessed undiminished activity toward our spirillum. The latter was promptly agglutinated by the serum in dilutions of 1 to 10 and even 1 to 200. Unless it is assumed that our serum had lost its properties while in transit, especially in going through the Red Sea, it would appear that the Bombay relapsing fever is etiologically different from that of New York. The question of the identity of these organisms will be investigated further and we hope to be able to make direct comparisons of the living organisms.

CULTIVATION EXPERIMENTS.

The *Spirillum obermeieri* has been maintained in this laboratory since November, 1905, by consecutive passage through rats. Although during this time many hundreds of attempts to secure cultures on artificial media have been made, they have given uniformly negative results. In the defibrinated blood of infected rats the spirilla retain their vitality for a variable length of time, depending on the stage of the disease during which the blood is drawn. If drawn during the decline stage, that is to say, at a time when the organisms have reached their maximum and are beginning to decrease in numbers, the spirilla will often die out in less than 24 hours. This is due, as we have shown, to the presence of specific germicidal bodies. On the other hand, in "onset blood" drawn during the early stage of the disease, the spirilla may live for several weeks. Thus we have seen living spirilla in such blood kept for 30 to 37 days and have been able to infect rats with blood kept for 40 days. Moreover, we have been able to make use of this fact in shipping the virus to distant points, to Dr. Todd at Liverpool and to Professor C. Fraenkel at Halle.

In our first series of attempts at cultivating the spirilla on blood agar we were, as a rule, unable to keep the organisms alive for more than two or three days. Since then, however, we have been somewhat more successful and have kept them on blood agar for 22 to 28 days, and in some experiments now in progress they are still alive and numerous on the thirtieth day. As yet, however, no evidence has been obtained of actual multiplication *in vitro*. The organisms which are found to persist we prefer to regard as mere survivals until actual subcultures have been obtained.

The successful results obtained by Levaditi in the cultivation of *Sp. gallinarum*, *Sp. duttoni* and *Sp. refringens* in collodium sacs led us to apply this method to our spirillum. With this object in view, the collodium sacs were filled with rat or rabbit blood, or corresponding sera, heated and unheated, and after inoculation with spirilla blood these sacs were placed in the peritoneal cavity of rabbits. After three to seven days the sacs were removed and contents were examined with negative results. Apparently the rabbit is unsuited for sac cultures.

We were finally led to make the trials under conditions approaching the natural state as much as possible. For this purpose the collodium sacs were filled with uncoagulated rat blood and after inoculation were placed at once in the peritoneal cavity of a white rat. Three days later, on removal, the sacs were found to contain active spirilla and in increased numbers. From the sacs, transplants were made to new ones and the result was equally satisfactory. The spirilla were found to be in an extremely active condition and were undoubtedly multiplying.

From this time on the transplantations were made regularly, every three or four days, from sac to sac. After a few passages the uncoagulated blood was replaced by defibrinated rat blood or by rat serum. Defibrinated rabbit blood has also been employed to some extent, but whether it will continue to be a favorable medium we are unable to state. Two sacs were inoculated each time and placed in the peritoneal cavity of a rat. Each sac had a capacity of from 2.5 to 3.0 c.c. and was sealed so as to leave within as little air as possible. It is a noteworthy fact that on removal from the rat the sacs are invariably greatly distended as a result of osmotic changes. Furthermore, the air which was originally present is in large part and at times wholly absorbed.

Since October 13 the spirilla have been carried through twenty consecutive passages in sixty-eight days, and presumably they can be kept multiplying under these conditions indefinitely. The spirilla in the sac culture are never as numerous as in the blood of rats. They rarely exceed more than 5 to 10 per field of the 1/12th inch objective, as contrasted with several hundred per field met with in the blood of rats during the maximum period of infection. The inoculation of the sac contents (blood or serum) into rats, it is interesting to note, is followed by a mild infection in which the spirilla are not much more numerous than in the sacs. Moreover, in such infection they persist for a day or two longer than is the case with the active virus.

When the sac is allowed to remain in the rat for seven days the spirilla decrease greatly in numbers and may even disappear. In the opened culture sacs after removal from the rat, and kept at room temperature, the spirilla die out in a day or two.

Throughout this series the spirilla have preserved their form unchanged. They appear either as single cells (8 microns) or of double length (16 microns), but at times even longer spirals are found. The latter are the result of end-to-end union by means of flagella, as we have heretofore shown. As in the case of blood preparations, no evidence is observed of division other than transverse. One observation in this connection is deserving of special emphasis owing to its bearing on the question as to whether spirochetes multiply by transverse or longitudinal division. In these cultures it is not unusual to find short spirals of two or three turns, and from 4 to 6 microns in length. These may occur singly or in pairs (8 to 12 microns long), showing the pale division zone. The width of the short form is the same as that of the longer cells. The occurrence of these short spirals is readily explainable as the result of transverse division. It may further be stated that the cultural spirals usually stain solid by the Romanowsky method, but at times they may show granulations which to some extent may be due to granules deposited from the medium.

SAC CULTURES IN RAT SERUM.

In view of the fact that Prowazek and others are inclined to consider spirochetes as protozoa and as cell parasites, it was desirable to ascertain whether or not the spirilla could be maintained in active multiplication in a clear serum. Accordingly, the spirilla were inoculated into rat serum, completely freed from corpuscles by centrifugation. Up to the present time we have effected seven consecutive passages in such serum in the space of twenty-four days. At each passage a control sac containing defibrinated rat blood was placed in the rat. The serum cultures, although totally devoid of corpuscles, were in every respect as rich in spirilla as the blood cultures. The conclusion to be deduced from these experiments is that multiplication of spirilla may take place without any intracellular stage. The occasional presence of spirilla in a cell is to be regarded as an accident rather than as an expression of an unrecognized cycle.

THE TUBERCULOSIS DISPENSARY: ITS METHODS, VALUE, AND LIMITATIONS.*

EDWARD O. OTIS, M.D.

Visiting Physician at the Massachusetts State Sanatorium at Rutland; Senior Physician of the Tuberculosis Department of the Boston Dispensary.

BOSTON.

Out-patient clinics for chest diseases have existed for a long time in connection with the great London chest hospitals. In Edinburgh, the Royal Victoria Dispensary for Tuberculosis was established in 1887, and is conducted according to the modern conception of such an institution.[1] The Emile Roux Antituberculosis Dispensary, however, founded at Lille, France, in 1900, by Dr. Calmette, seems to have been especially instrumental in the establishment in rapid succession of many similar institutions in France, Germany, Belgium, Portugal and other countries in Europe, as well as in the United States. The psychologic moment had apparently arrived for this distinct and notable advance in the tuberculosis warfare.

In 1899, the managers of the Boston Dispensary, at my suggestion, established a tuberculosis clinic in connection with that institution, which, so far as I am aware, was one of the first, if not the first, of the kind in this country; soon afterward others were founded in New York City and elsewhere. Whatever observations are offered in this paper are largely the result of experience in the tuberculosis department of the Boston Dispensary.

Not only has the tuberculosis dispensary proved to be a very valuable and distinct addition to the armament of the antituberculosis forces, but it has also introduced a new conception of out-patient service to the poor, which is being recognized in clinics other than those solely devoted to this one disease. This new idea is that the patient is not only and simply to be regarded and treated as a case with a number, illustrating a disease, but as a social unit, a human being, whose habits of life and whose environment are discordant with the conditions of healthy existence; consequently, paramount attention is devoted to the reorganization of such vicious habits, and the transformation, so far as possible, of the environment into a wholesome one, for such, in fact, is an essential part of the treatment of pulmonary tuberculosis. In order to accomplish this, the patient is studied socially, both at the clinic and by the "visitor" or nurse at his home. His habits, mode of life at home and at work, his surroundings, physical and moral assets, and limitations, his pecuniary condition, are all the subject of careful inquiry and consideration. Based on the results of such social investigation, together with the medical findings, the treatment is instituted, which in itself is more social than medical.

There is yet another reason why the social side of the tuberculosis dispensary should be particularly accentuated; for the object of such a dispensary, unlike that in other clinics, is not only to help and cure those suffering from tuberculosis, but to prevent others from becoming infected by them—*prevention* is quite as important as the care and treatment of the disease; indeed, more so, from the point of view of the community.

In order, then, that any effectual and continuous application of the hygienic-dietetic treatment—the established treatment of the day—can be carried out, we must possess not only an exact and complete knowledge of the patient's social condition as indicated above, but we must as well obtain and retain control over him when the treatment is pursued at home, and this obviously can only be done with the willing coöperation of the patient, for his attendance on the dispensary is voluntary. Furthermore, the patient must be thoroughly educated in the tuberculosis hygiene both by the physician and visitor or nurse, so that his immediate family, his workshop neighbors, or the community may not become infected through his carelessness or ignorance.

In the tuberculosis dispensary as at present constituted in France, England and this country, the examination and treatment of the tuberculous individual forms an integral part of the plan, as well as the social side as above referred to. In Germany at the so-called *Fürsorgestellen*, "advice and precaution" stations, education and advice are the principal object of attainment, and the direct treatment is referred to the local or family physician—thus resembling closely the work of the tuberculosis associations.

In the recently initiated tuberculosis "classes" first

* Read in the Section on Pharmacology of the American Medical Association, at the Fifty-seventh Annual Session, June, 1906.

1. R. W. Phillips, Edinburgh Med. Jour., January, 1906, p. 9.

conceived and carried out by Dr. Pratt, of Boston, a comparatively few consumptives in various stages of the disease are collected and kept under constant supervision by means of a nurse. They are required to give up all else while under treatment, and are thoroughly instructed and drilled in the hygienic-dietetic method of the cure. Weekly meetings are held with the physician and nurse, when the daily record of temperature, pulse, food, number of hours out of doors, etc., are reviewed and such further advice and treatment are given as are indicated. This represents, perhaps, the most elaborate and complete attempt to carry out home treatment among the consumptive poor. In the tuberculosis dispensary the same minute supervision and control is not always possible, but, with those who are home-treated cases, the same governing principles are kept in view and enforced so far as the conditions will permit. As with dispensary practice in general when medical service is free, the clientage is a changing one: some remaining faithful in their attendance, while others disappear after a few visits. Hence the control of the patient is limited and uncertain.

This class system may be made a regular department of the tuberculosis dispensary. It is not, however, in my opinion, applicable to all cases: direct individual treatment should be considered the ideal plan, as in the best conducted sanatoria, though the inspiration and encouragement of others are an advantage of the collective system of treatment.

It is also to be borne in mind that the scope of the dispensary work is more extended than simply the treatment and guidance of its patients at home, as important and valuable as this phase of its work is. Prevention and education are also a very essential part of its duties, and go hand in hand with the treatment of the patient.

In the interest of the patient himself, the best disposition of his case is sought for after careful consideration of his circumstances and the resources at hand. If an early and curable case, the sanatorium is advised and by coöperation with other charitable institutions or the Tuberculosis Association, pecuniary aid for this purpose is usually obtained, and the patient is sent to the state sanatorium. For others, whose disease is too far advanced for the sanatorium, an opportunity for residence in the country is frequently obtained, or, in the warmer months of the year, the day sanatorium can be utilized, which in Boston has been found to be a very useful adjunct to the home treatment. Occasionally opportunities for removal to a more favorable climate are afforded to others. With far-advanced, hopeless cases, in which the patients are an evident menace to other members of the household or the community, through coöperation with the board of health, removal to the pauper hospital or to a municipal or private consumptive hospital, if such exists in the community, is sought to be effected. In most cities, unfortunately, the accommodations for such cases are very inadequate, though in Boston a new consumptive hospital for advanced cases is soon to be established, for which the city has appropriated $150,000.

If the patient remains at home, in whatever stage of the disease he may be in, care and supervision are given him by means of the visiting nurse or association visitor, and, when needed, food, through coöperation with the diet kitchen, is furnished, or this may be done by the hospital with which the dispensary is connected. At the Phipp's Institute, and at the Lille Dispensary and others, milk or other articles of food are furnished by the dispensaries themselves. It is often one of the most difficult problems in the work of the dispensary to assure oneself that the patient is obtaining abundant and nourishing food, which is such an essential part of the home treatment. Sputum cups or Japanese napkins with impervious paper bags are also supplied to the patients. Both at the dispensary and at the home by the nurse or visitor careful directions are given as to the general plan of treatment—fresh air, feeding, rest, the arrangement of the bedroom, and the care of the sputum. By repeated regular visits to the dispensary by the patient and of the nurse to him at home he is kept under constant supervision and the progress of the disease and effect of treatment are noted.

In the interest of those who come in contact with the consumptive patient, his family, his associates in shop or factory, his immediate community, careful instruction is given and reiterated as to the safe disposal of the sputum, and the importance of holding something before the mouth when coughing, to avoid spray infection. Being instructed as to the dangers and sources of infection, and the unwholesome hygienic conditions predisposing to the disease, the patient becomes, in his turn, a teacher of others, an apostle of ventilation and fresh air in the home and workshop. He is mindful of others who cough, and may be instrumental in bringing them to the dispensary. The community is also safeguarded in calling the attention of the board of health to dangerous advanced cases, and in asking their removal, and it may be remarked here that in Boston every case of tuberculosis must be reported to the Boston Board of Health according to law.

LIMITATIONS.

It is obvious that in this, as in all dispensary practice where the attendance is voluntary, the control of the patient can only extend so far as he himself will submit to it, and unless he is possessed, to a certain degree, of earnestness, persistence and an appreciation of what is being done for him, the home treatment fails. Much effort is necessarily wasted on patients who make only a single visit or attend irregularly; but even in these cases we learn of their existence and report them to the board of health, which is of importance from the point of view of prophylaxis. Again, in tenement-house conditions, where extreme poverty exists, it is extremely difficult, if not impossible, to institute any proper open air life or to supply sufficient and properly prepared food.

With wage earners obliged to continue work for their own maintenance and support of their families, we can only avail ourselves of such limited opportunities for treatment as their hard condition offers. Many patient sufferers continue their occupations even in the advanced stages of the disease, an obvious menace to those directly or indirectly associated with them. They should be removed to a consumptive hospital; but this presupposes such an institution, and in many cases provision for the family deprived of its supporter. I recall the cases of a cook and waitress in a restaurant, both of whom were in the advanced stages of the disease, who applied at my clinic; the possibilities of spreading infection from the occupations they were engaged in—the handling of food—are evident.

Married women suffering from the disease, in the child-bearing period, are always subject to the perturbing, and, under the circumstances, untoward incident of pregnancy, unless we can remove them from their families

to a sanatorium or elsewhere. Pregnancy in tuberculosis, although, in my experience, it is not always the case, frequently, if not generally, exercises an unfavorable influence on the course of the disease. In dealing, then, with women of this class, our efforts are limited, and the treatment is ever liable to the interruption of pregnancy; hence the attempt should always be made to separate them from their families. So it is with infants and young children of consumptive parents. They should be removed from the source of infection present in the family. This, however, frequently can not be accomplished, and we can only warn the parents and relations of the dangers and keep them under observation.

PLAN PURSUED AT BOSTON DISPENSARY.

From what has been said above, the general scope and object of the tuberculosis dispensary has been in the main indicated, and it now remains to describe the method of conducting such an institution, and in doing so the plan pursued at the Boston Dispensary will be closely followed.

In the first place, such a dispensary may either constitute a unit, with its separate building and equipment, as is the case with the Antituberculosis Dispensary at Lille; the dispensary of the Health Department of New York and others, which is probably the best plan, or it may form one department of a large general dispensary, as does the tuberculosis clinic of the Boston Dispensary, where are gathered under one roof some dozen or more special clinics. There are, however, several advantages to this latter arrangement: The same pharmacy, clerical force and general equipment serve all the departments; cases requiring examination or treatment in other special departments, such as the throat, the ear, the general medical or surgical clinics, etc., can readily be transferred to these departments which are close at hand; the same *x*-ray apparatus and pathologic laboratory can also be utilized. On the other hand, suspected or proved tuberculous cases can readily be referred to the tuberculosis department from other clinics for examination, diagnosis and treatment.

A fairly full history of the patient is taken by one of the assistants. The family and previous history, habits, present illness, exposure to infection, various symptoms, etc., are recorded on a card. The list of questions to be asked is printed in order that there may be uniformity in the different services. The patient is then weighed, and the temperature, pulse and respiration taken. With this data in hand the physician-in-chief makes a careful physical examination of the patient, indicating graphically his findings on diagrams at the back of the history card. If the sputum can be obtained, it is examined then and there; if not, the patient is given a sputum bottle and requested to bring a specimen of his sputum at the next visit. If the diagnosis is in doubt, recourse is had to the tuberculin test, and occasionally to the *x*-ray, though we have found the latter of limited value. If the diagnosis is positive, the case is reported to the board of health, and the name and address are placed on the visiting nurse's card for her investigation of the patient at his home. On this card is a set of interrogations relative to personal and domiciliary hygiene, the habits and needs of the patient, and notes are also to be made of the instructions given. This report of the nurse is returned to the physician and filed with the history card and physical examination. The result of subsequent visits both of the patient to the clinic and of the nurse to the patient is added to the respective cards; thus both the medical and social history of the patient are at hand for guidance in the disposition of the case. The best disposition and treatment of the patient is then considered, whether sanatorium, consumptive hospital or home treatment, as outlined above, and all the resources at our command are drawn on to accomplish this. The patient is informed of his exact condition and his coöperation in the treatment proposed is solicited. In the majority of cases some medicinal treatment seems to be indicated, or at least expected by the patient, such as a tonic, a corrective for digestive disturbances, a simple cough remedy, etc. Instruction is given as to the safe disposal of the sputum, and receptacles for the same are distributed free.

Discharged sanatorium patients can also be kept under observation and advised in such a clinic, although in this city the majority of them report to the office of the examining physicians of the Rutland Sanatorium.

The tuberculosis dispensary is exceedingly valuable for teaching purposes, particularly in the early diagnosis of the disease as well as in the technic of physical examination. At the Boston Dispensary both physicians and medical students are in almost constant attendance, and the material affords excellent opportunities for the study of all stages of tuberculosis both as regards diagnosis and treatment.

Research work, the investigation of methods of treatment, the collection of statistics, and the study of various social problems in connection with the disease likewise find a legitimate field and a favorable opportunity in the tuberculosis dispensary.

We not only desire to attract as many consumptives as possible to the dispensary, both for their own sake and that of the community, but to get them early, in the curable stage; hence evening clinics are desirable when the wage earner can attend who can not or will not leave his work by day, or does not consider himself sick enough to do so. Every possible opportunity should be afforded the working classes to obtain an examination of the lungs, even if they suspect no trouble, and many incipient cases would undoubtedly be discovered in this way. I trust the time will shortly come when everyone will recognize the prudence and wisdom of obtaining an examination of the lungs with reference to tuberculosis, and evening clinics will be of the greatest value for this purpose.

But little and simple equipment is absolutely necessary for the establishment of the dispensary, which is within the reach and means of almost any community. A room or two or even the physician's office can be utilized for accommodations; or a complete building erected for the special purpose with more extensive space, as is the case with the Lille dispensary and others. A microscope, staining reagents for the examination of the sputum, a stethoscope with a patient at one end and an enthusiastic physician at the other, a visitor who can be a volunteer layman, actuated with an altruistic spirit and possessed of tact and common sense, are the essential requisites. When a tuberculosis association exists, the dispensary may be conducted under its auspices, and the two institutions go far toward commanding the tuberculosis situation in any community; or the dispensary may be an adjunct of the board of health, as in New York City. Experience has abundantly proved the value of the tuberculosis dispensary in combating the disease, and from its simplicity and inexpensiveness it can be established in any community.

DISCUSSION.

DR. WILLIAM R. WHITE, Providence, R. I., stated that the physicians of Boston are required by ordinance to report cases of tuberculosis just as much as cases of other contagious diseases.

DR. O. T. OSBORNE, New Haven, Conn., referred to his experience as chairman of the medical board of the Gaylord Farm Sanatorium, near New Haven. Incipient cases only are taken, except a few patients for training, but these remain only a month. Dr. Osborne has been impressed with the answers to the following question on the medical blank: Has anyone had consumption in the house or building where applicant has lived or worked during the last five years? The answer has so many times been in the affirmative that it has made a profound impression even on those who know the disease to be communicable. The dispensary cases are mostly those well advanced. Dr. Osborne emphasized the necessity of nurses or medical students visiting these families from which the advanced cases come, because in this way the incipient cases can be discovered. Thus there can be brought for treatment the anemic girl, the overworked mother and the pale boy, and though the first sputum obtained is often negative, repeated observations—ten or more—may show bacilli. Dr. Osborne denies the right to give tuberculin to these patients for a test examination, inasmuch as it may stir up something that would better be left unstirred.

Patients who are in a condition which can easily develop into tuberculosis should be treated just the same as incipient cases. Fortunately, he said, the profession is getting past the stage of forced feeding. Therefore, the dispensary treatment is all the more successful. The mere matter of putting on a little fat does not mean the cure of tuberculosis. Forced feeding works other organs to excess, and the stomach, liver and kidneys should be considered in the treatment of tuberculosis. The patients should be watched and instructed, and they should be seen weekly, certainly every two weeks, if they are to get well.

DR. K. DUNHAM, Cincinnati, considered that basing the diagnosis on the old-fashioned signs, is not enough. In conjunction with other aids in diagnosis the *x*-ray is of value. For the last four years he has been working alongside a very able diagnostician, and they send each patient from one office to the other. By using the fluoroscope Dr. Dunham can detect tuberculosis from three to six months before the diagnostician can do so.

DR. H. EDWIN LEWIS, New York City, said that in the dispensary of the New York Lung and Throat Hospital one great fact has been demonstrated and that is, that the principal function of the dispensary is to educate patients concerning their own needs, and their relations to other people. As Dr. Otis pointed out, the question of attendance is a very important one. In other words, if we can get a patient to come often enough to keep him under proper surveillance and discipline, the results are proportionately greater. As an aid in this direction, every dispensary should be well equipped with various paraphernalia, high-frequency apparatus and various forms of inhaling cabinets. While their curative influence in the average case may be small, their psychic effect on the patient is often pronouncedly beneficial, for he is always impressive, and feels he is getting something tangible—something that will contribute to his recovery.

Dr. Lewis voiced a strong belief in the value of suitable medication in the treatment of tuberculosis. From his experience he is convinced that medicine can be employed with a great deal of benefit if for no other reason than to make the average patient realize the gravity of his condition, and to emphasize the necessity of utilizing every possible means in overcoming it.

In regard to actual curative results, Dr. Lewis said that it is too early to make any positive statement. He believes that the dispensary is accomplishing substantial results in overcoming early cases of tuberculosis, but several years must pass before any hard and fast deductions can be made. The crying need of the moment is more money in order that the tuberculosis dispensaries may increase their efficiency to the highest possible point, and fulfil their educational mission in every detail. This provides a splendid opportunity for philanthropy, and as the work unfolds, physicians can demonstrate remarkable results in this grand and noble undertaking.

DR. S. SOLIS-COHEN, Philadelphia, believes that the tuberculosis dispensary is much more important at present than the tuberculosis sanatorium or hospital. In the United States there is now provision for about 8,000 patients in special hospitals for tuberculosis; while there are not less than 1,000,000 persons affected with tuberculosis. That, he said, is rather an underestimate than an overestimate. Thus in Philadelphia alone about 3,000 new cases are reported yearly which means that about 25,000 people are walking about Philadelphia with tuberculosis. At least one-tenth of the consumptives throughout the land are in need of charitable assistance and the least amount of money that should be expended on each one being $500, it would require at least $50,000,000 a year to care properly for the needy 100,000 in hospitals. That seems to be an impossible sum of money but if we are going to get at the tuberculosis question from the philanthropy end that is the least sum that can be considered. As a matter of fact, philanthropy is inadequate to the situation. The prevention of tuberculosis has ceased to be a medical problem and has become a sociologic and economic problem. Graves, of Dublin, showed how men were made phthisical in Ireland by dwelling in dampness, dirt and darkness, and being anxious, underfed and overworked. What was true of Ireland two generations ago, is also true of the world at large, to-day. The great cause of tuberculosis in the large cities of America is the high rent that crowds people into slums—the crowding forcing rents still higher, in the familiar vicious circle of pathology—and the low wages that force people to herd in unfit habitations and does not suffice to nourish them or clothe them properly. Dr. Cohen believes that the way to prevent tuberculosis in the cities is to bring about such changes in economic conditions that rents may be low and wages high, so that the people need not herd together and can have food and air and sunlight in plenty. Meanwhile the tuberculosis dispensary which will take care of the innumerable walking cases, teach the patients how to take care of themselves, how to avoid becoming foci of infection for the family and community, will be of much palliative value.

DR. E. A. BURNHAM, Boston, has been associated with Dr. Otis in the Boston Dispensary for six years. He believes that drugs have a distinct place in the treatment of tuberculosis.

DR. THOMAS F. REILLY, New York City, said that in looking over the printed instructions given tuberculous patients, it occurred to him that the word tuberculous or tuberculosis might be substituted with advantage for the term consumptive. Most patients are frightened when told they are consumptive. Another suggestion he made was to say to patients: "Don't take any medicine except that recommended by your physician. Above all things, avoid 'patent medicines.' Nostrums earn most from tuberculous people because it is claimed that they cure." There is little danger that the treatment of tuberculous patients by dispensaries will infringe on the rights of the general practitioner. Tuberculosis is a disease of the poor. At first the physicians of the city thought it was an attempt of the health department to treat everyone. That thought has been dissipated and the profession is now taking up the work of the health department more and more. Registration, Dr. Reilly said, is now compulsory in New York. The inspectors do not visit these patients unless they are instructed to do so by the family physician. When a patient dies the house is disinfected.

DR. E. OTIS, Boston, said that it is only to the poor in the tenement house districts that the dispensary representative goes and advises as to the dangers of infection, and how to avoid it. If it is a case which, in the opinion of the board of health, is dangerous, a menace to the household, the board has the power to remove the patient to some institution. He said that there always will be a difference of opinion in regard to the value and safety of the tuberculin test. He has never met the slightest danger in its use. At the Rutland Sanatorium it is used constantly when the diagnosis is doubtful. When the tuberculin is used properly, in doses of from 2 to 10 mg.

(not over 10 mg.) it is perfectly safe and of great value. The general practitioners must be depended on to detect incipient curable cases. For example, there are 365 beds at the Massachusetts State Sanatorium at Rutland. It is impossible to obtain more than one-third incipient cases, though the authorities have the pick from among 14,000 consumptives in the state. The same condition exists in other sanatoriums. The Rutland Sanatorium receives patients in whom the diagnosis is doubtful, and keeps them under observation, and it is in such cases that the tuberculin test is a valuable aid. Dr. Otis is convinced that the prevention of tuberculosis is largely a sociologic and economic problem. Sanitarians must have ample means if they are going to eradicate this disease. The public, he said, is coming to realize these facts, and as time goes on larger and larger amounts of money will be available to institute more extensive and sweeping methods of prevention, isolation and treatment. Dr. Otis has had better results in telling patients frankly what is the matter with them, and not permitting them to go away without being clearly informed of the exact nature of their disease, and the treatment necessary. Then they are ready to respond to the rigorous exactions of the treatment.

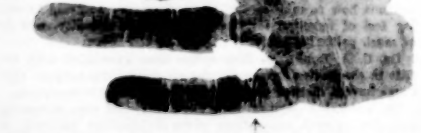
Clinical Notes, New Instruments, Etc.

A TISSUE JOINT OF THE LITTLE FINGER.

GEORGE B. LAKE, M.D.
WOLCOTTVILLE, IND.

The accompanying illustration shows a hand-print of the middle, ring and little fingers of a young man.

Between the metatarso-phalangeal joint and the distal end of the first phalanx of the little finger is what



appears to be a joint. The bone is intact, but the tissue creases at this point when the man closes his hand. There are no symptoms and the peculiarity was discovered accidentally.

DEATH FROM BROMO-SELTZER.

CASE OF ACETANILID POISONING.

HENRY BIXBY HEMENWAY, M.D.
EVANSTON, ILL.

On Oct. 12, 1906, about 5:20 p. m., I was called to attend Mrs. K. H.

Patient.—Female, white, Irish-American, aged 31.

Family History.—Father was found dead at age of 50; he possibly died of alcoholism. Mother died of childbirth at 38; father's mother died at 99, and paternal grandfather reached old age. Mother's parents died young. Cause of death of grandparents is unknown.

Personal History.—Within the past eight years, the patient had had four children and four miscarriages. She has suffered from profuse menstrual hemorrhages, and in June, 1906, was in St. Francis Hospital for curettement. Except at the menstrual period, she had never been subject to headaches, until within the last month. Her husband being away on business during that time she had "grieved much" and had several severe headaches, which had been relieved by bromo-seltzer. Wednesday evening she had a headache. Friday for dinner the family ate canned baked beans; after eating the beans, though no other member of the family was sick, she had signs of indigestion, with severe headache. She took the bromo-seltzer, but how much or when I do not know. Her husband told me that so far as he can find she never had more than the one smallest size bottle of bromo-seltzer. Before I arrived the patient had vomited after taking a drink of water.

Examination.—The patient was very poorly nourished, her teeth poor. I found her dressed as for work and lying on the bed. She was breathing regularly and deeply. The eyes were shut, the body was relaxed; the lips were slightly blue, and the fingers very blue. The pulse was full, soft, regular and about 80. The heart action was full, but not hard; the area of dulness was slightly increased, and the right ventricle was dilated, bringing the apex beat about one inch below and half an inch to the right of the left nipple. There was no bruit, but the valvular sounds were slightly softened. Anterior auscultation and percussion of the lungs showed fairly normal conditions. No râles were heard. The abdomen was flat, with very slight gaseous distension of the stomach. The colon was empty and the liver possibly slightly enlarged. At my request the patient promptly protruded the tongue, which was clean. Her eyes were not congested, but the pupils were dilated. (The room was not light).

Treatment.—My diagnosis was acetanilid poisoning from bromo-seltzer. I prescribed, but when the medicine arrived it was impossible for her to take it. I left immediately after writing the prescriptions and heard no more of the case until I reached home at 9 p. m. I learned then that the woman sank rapidly and died about 7:45 p. m.

Autopsy.—The postmortem examination made by the coroner's physician, Dr. O. W. Lewke, received the following conditions:

Heart contracted, left side empty; small soft clot in right side, heart muscle soft, permitting entrance of fingers on pressure. Valves normal, evidences of chronic myocardial degeneration. Lungs completely engorged; condition typical of acetanilid poisoning. Liver enlarged and engorged. Spleen engorged. Kidneys engorged and softened from parenchymatous inflammation. Stomach and intestines empty; mucous membrane engorged and showing slight capillary hemorrhage.

Verdict: Death from acetanilid poisoning from taking bromo-seltzer.

Remarks.—It is my opinion that the taking of the headache remedies had weakened the circulatory apparatus, so that a dose usually harmless finally became lethal.

Her family physician and husband both assured me that the previous existence of nephritis had not been suspected. In view of the postmortem findings, in another case I should depend on oxygen for treatment, combined possibly with bloodletting and the use of normal salt solution. Alcohol, strychnin, digitalis and nitroglycerin are contraindicated.

EDITOR'S NOTE.—Several months ago we had analyses made of bromo-seltzer as sold in original bottles to the trade. These analyses show that 100 parts of the effervescing salts contain:

Potassium bromid	10.53 parts
Acetanilid	4.58 parts
Caffein	1.20 parts

Assuming an average dose of the article—a teaspoonful—to weigh 76 grains (5.0 gm.), each dose would contain:

Potassium bromid	7 grains (0.5 gm.)
Acetanilid	3 grains (0.2 gm.)
Caffein	0.8 grains (0.05 gm.)

Since a half-ounce of this preparation is often taken at a dose, and since many women especially are taking it daily, it is anything but harmless.

Aside from serving as an example of the fatal effects of small doses of the drug, the report calls attention to the therapeutic contraindications in the treatment. While we can not agree with Dr. Hemenway that strychnin or digitalis are contraindicated, his objections as to alcohol and nitroglycerin are, we think, sound, and,

as these drugs are very frequently administered as stimulants, the objection should be borne in mind. We presume that the objection which Dr. Hemenway has to nitroglycerin is that it is not a direct cardiac stimulant; at any rate this is not its chief action, but acts by dilating the capillaries and relieving the strain on an overworked heart. It also lowers the blood pressure considerably, and, as a lowered blood pressure is characteristic of acetanilid poisoning, it is, therefore, contraindicated. Alcohol is contraindicated, though to a less extent, for the same reason, and also on the general principle that it is unwise in case of poisoning to administer any substance which has marked solvent power over the toxic substance. The use of oxygen, and especially the bloodletting and injection of normal salt solution, are the most reliable means for combating acute acetanilid poisoning which are known as present.

A MONOCEPHALUS, TETRABRACHIUS, TETRAPUS.

J. J. GOODING, M.D.
GILMORE, OHIO.

The birth of this monster occurred in my practice, July 23, 1905.

The mother, a native of Ohio, white, and about 40 years of age, has a large family. The labor was normal, although it was thought to be seven weeks premature. The fetus lived ten minutes. It weighed eight pounds. It was a double female with single head and thorax, four arms and four legs. The two abdomens were separate. The head was normal, with a small spina bifida at the neck.

ANTIDOTE FOR SUPRARENAL PREPARATIONS.

L. M. ROBERTS, M.D.
LITTLE FALLS, MINN.

Relative to the case reported by F. C. Bennett in THE JOURNAL A. M. A., November 17, I recently had an experience with adrin. The patient was given tablets containing among other medicants adrin gr. 1/500, with directions to let one dissolve slowly in the mouth every three or four hours. The patient used one every hour for six doses, and then telephoned that he was suffering greatly with his heart and that pulse was "very rapid and weak, with smothering." I at once ordered recumbent position and strong black coffee, with almost immediate relief. I have used adrenalin and adrin a great deal with cocain, and have witnessed these phenomena before, but heretofore have attributed it to cocain, but there was no cocain in these tablets.

THE OPSONIC INDEX IN TYPHOID FEVER.

A PRELIMINARY REPORT.*

C. P. CLARK, M.D.
CHICAGO.

From a study of 33 cases of typhoid fever in which one or more estimations of the opsonic index were made, certain broad conclusions relative to the index in this disease may be deduced.

It has been demonstrated that there occurs during a typhoid infection a marked rise in the opsonic index; that the index varies from day to day; that there is early in the disease a high index; as the temperature decreases this appears to fall and to rise again as convalescence approaches, but more cases must be studied before any final conclusions may be drawn.

That the high index is due to the presence of opsonin and not to the incorporation by the leucocytes of clumps of bacilli resulting from agglutination is demonstrated by a comparison of the number of phagocytes in the normal as compared with that of the patient's specimen. In many cases the index so obtained is very nearly the same as that obtained by the usual method of determination, i. e., by counting the number of bacilli incorporated. Furthermore, there may be marked agglutination and no increase in opsonin and vice versa.

The typhoposonin is thermostable, resisting a temperature of 60 C. for 30 minutes, being, however, destroyed almost entirely at a temperature of 75.

In order to counteract the lytic effect of the serum it is necessary in preparing the specimens always to first heat the serum to 56 C. for 30 minutes. The lytic effect is now destroyed but the opsonic activity of the serum remains apparently unchanged.

It seems likely that the opsonic index in typhoid fever will prove valuable from the standpoint of diagnosis, inasmuch as the index is high during the earliest part of the disease.

* From the Memorial Institute for Infectious Diseases, Chicago.

A POINT IN THE MANAGEMENT OF UVEAL SARCOMAS.

BROWN PUSEY, M.D.
CHICAGO.

Usually sarcomas arising in the uveal tract are slow in perforating the sclera and experience has taught us that, in their clinical course, they usually give rise to symptoms—interference with vision or glaucoma and the pain which goes with it—which attract attention to the condition before perforation of the sclera and extension to the orbital tissues take place. Accordingly the ophthalmic surgeon, as a rule, when he sees no gross perforation of the sclera, contents himself in dealing with uveal sarcomas by enucleating the affected eyeball. And this is good practice; for enucleation of the globe usually suffices, and the more radical procedure of exenterating the orbital contents, which theoretically, of course, would be more proper, is a far more serious operation and leaves the patient more deformed.

Sometimes, however, these growths go through the sclera comparatively early and sometimes macroscopically such extensions can not be made out. An experience with such a case has been instructive to me, suggesting a point in the management of cases of intraocular sarcomas which I think worthy of attention.

History.—The patient was a woman of about 60. The diagnosis of choroidal sarcoma was fairly certain. Clinically there was no sign indicating extension of the growth through the sclera. The eyeball was enucleated and macroscopically the globe showed no indication of extension of the growth externally. Just after the operation the eyeball was cut into two parts and the clinical diagnosis was verified. The tissue was preserved in formalin. After about one and one-half years the patient noticed a swelling in the orbit. Exenteration of the orbit was done and a pigmented tumor as large as a normal eyeball was removed.

Interested in this history I made sections of the eye, which had come into my possession through the courtesy of the operator, in order to see if I could find the place or places where the tumor cells had perforated the sclera. It took very little trouble to demonstrate an

extension of the tumor cells through the sclera—the sclera, by the way, is a tissue in which any invasion by foreign cells is easily found when microscopic examination is made—along the sheath of one of the ciliary nerves.

And herein is the case instructive. Sections of the eyeball should have been made as soon after the enucleation as possible. Had this been done the extension into the orbital tissue could have been recognized, prompt exenteration of the orbit could have been done, and the patient thus spared the dangers incident to the further growth of the tumor.

I think this one case demonstrates the following proposition: When enucleation of the eyeball is done for uveal sarcoma, the globe, if it has no gross signs of extension externally, should be sectioned, as soon as it can be prepared, and examined for possible microscopic extension to the orbital tissue. It follows, of course, that if such extension is found exenteration of the orbit should be done immediately.

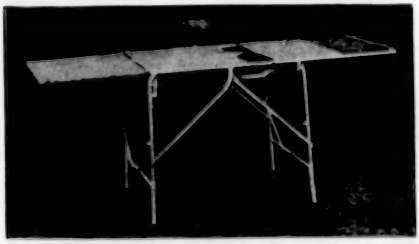
A NEW COMBINED OPERATING AND OFFICE TABLE.

JOHN H. DOWNEY, M.D.
GAINESVILLE, GA.

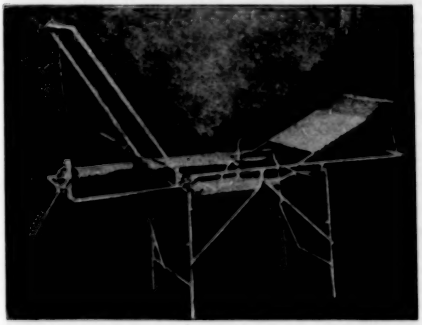
I have devised a new combination operating, office and fracture table, in which I have tried to arrange the traction in every desired direction that will hold the patient in a partially suspended and yet comfortable position. It gives the physician free access to his patient and allows him to apply a dressing or a plaster-of-Paris splint to any part of the body.

In Figure 1, the table is arranged for general surgery; it is just as good as any for general operating and can be easily arranged for office work. By dropping the lower portion of the top and placing the leg rests and stirrups in position it can be used for special operations about the vagina, uterus or rectum.

Figure 2, shows the arrangement for treatment of fracture of the femur or fracture of the upper two-



thirds of the tibia and fibula. In the latter the whirl arch is thrown forward and locked, as in Figure 5, traction being made against the head of the tibia, the foot being fastened to the foot plate as in Figure 3. When the lower thirds of these bones are the site of fractures the whirl arch is thrown backward on the same plan as the top of the table and the extension is made in a straight direction. In this fracture the cast need not go above the knee; so only two sections are necessary; first, the slipper, after this sets, put on the strap, apply extension until fragments are in opposition (the center post makes the counter extension) then apply the upper section of the cast to just where the knee makes the bend. The fixation points are the heel and instep of the foot, the tapering calf and the head of the tibia. In fractures of the upper part of the tibia it is necessary to carry the plaster above the knee and the cast has to be applied in three sections; first, the slipper, as mentioned above, then an elbow at the knee, leaving the site of the fracture bare. To do this, the foot is fastened to the foot plate and the whirl arch thrown forward; as in Figure 4, the leather strap is reversed so as to grasp the head of the tibia and to make the exten-



sion upward and forward—the foot plate making counter extension downward and backward. When the fracture is properly adjusted, the middle section of the cast is applied.

In fractures of the femur, the patient's leg is fixed in the proper position and the first section of the cast is applied in the usual way to just above the knee, making the cast a little heavy just below the knee to prevent denting during extension. When this section is hard, which only takes a few minutes, the patient is placed on the table as shown in Figure 3, and the knee strap is applied so as to grasp the head of the femur; the necessary extension is made, the center post being the counter extension, the fragment is adjusted and the upper section of the cast is then applied, beginning at the upper end of the lower section by spreading a small amount of plaster for the new starting point and to make the weld firm; carry the plaster up to the ensiform cartilage, making the necessary layers to give strength, reinforce it at the hip and at the junction of the two sections, and you have the double angular splint.

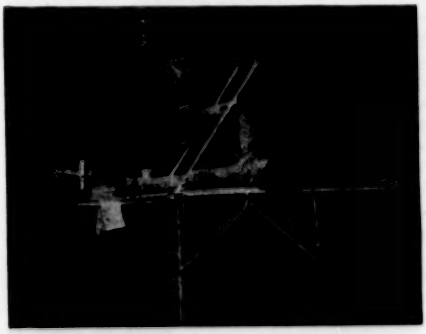
Note how perfectly extension and counter-extension can be made and how slowly and steadily extension is made, giving the muscles time to relax. When the fragments are in position there is no giving way and no slipping out of place. The operator has perfect access to the patient without the slightest unnecessary movement. Perfect fixation is afforded by the abrupt angles at the knee and hip, making shortening and deformity impossible. The fracture must unite as it has been placed, there is no eversion or inversion, there is freedom of every movement without pain as the fragments and every muscle connected with the fracture are fixed. The patient can attend the calls of Nature at any time in natural positions, he can sit or walk at will. There is no four or six weeks in bed, no weight or suspension apparatus to be adjusted, very little pain and no deformity.

These look like broad statements, but they have been proved time and again.

In fracture of the clavicle arrange the table as in Figure 1; elevate the head, telescope it up to full extent, hook the spinal support in hole where the center post was taken out of place, place the patient on the table with the back of the head resting on the telescoped part, the spinal support holding the chest up, then carry the shoulders upward, outward and backward until the fractured end is in position.

Take an ordinary roller bandage and tie the shoulders

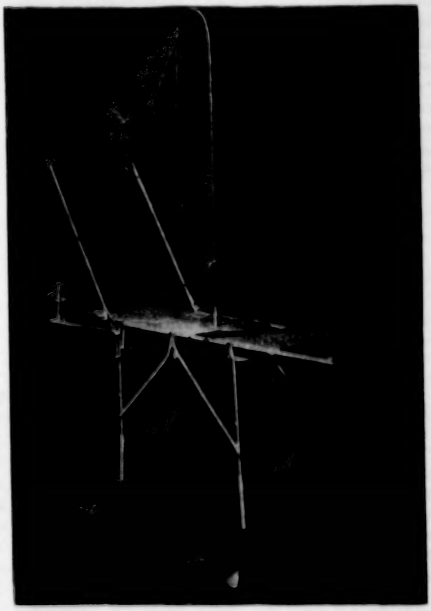
in this position to the sides of the table, cover the upper fourth of the chest with cotton wadding and hold this in place with a few turns of a roller bandage. Next take a strip of adhesive plaster two inches wide and long enough to reach from the trochanters up to the side of the axilla and two inches out under the arms, commence with the plaster roller at the lower part of the cotton wadding and go up to the axilla and make a double figure of eight back and front. At this point loosen the plaster under the arms and carry it down beside the



chest, making a loop at the top, and cover this with another layer of plaster. With this splint both shoulders and scapulæ are fixed, the sound shoulder acting as a fulcrum to hold the injured one up. The double figure of eight turns around the neck and both shoulders prevent the forward and downward drooping, and the adhesive plaster prevents the elevation of the shoulders, thus giving perfect fixation, while at the same time the appliance is comfortable and will allow the patient to wear his arm in his sleeve. The only other dressing necessary is a simple sling in which the hand may rest.

This is a simple, comfortable and efficient method of treating these fractures and the assistance of this table makes it easy of application as it gives easy access to the patient.

In dislocation of the hip, knee, ankle or shoulder, this table can be arranged to give the desired amount of extension in any direction; Figure 4 shows its application in backward dislocation of the hip, one man doing effectually the work of three and with greater ease to himself and less pain to the patient. The finger in the center post holds the patient to the table, the ratchet pulls the head back in the direction of the acetabulum, the side lever lifts the head from behind the rim and the right hand uses the leg as a crank to rotate the head into the socket. Figure 5 shows a device for suspending the patient with an injury or disease of the spine necessitating a plaster jacket. This is done by telescoping



the head rest, with the patient sitting on the table, the legs dropping through the table are adjusted, the clamp holds the patient to the table, the leather cuff is lifted around the neck and drawn up by the ratchet to the desired point and locked. The patient is firmly fixed and the physician has access to every part without a single movement and any amount of traction can easily be kept until the plaster has thoroughly set.

Comfort in Winter Traveling.—The exhaust from the engine can be made to thoroughly heat the car, which can readily be made inclosed, and in zero weather the doctor can go to the bedside as warmly as he can sit in his surgery. Instead of getting thawed out at the stove before approaching the sick one, he is ready immediately to give attention to his patient.—*Automobile.*

THE JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION

103 DEARBORN AVENUE .... CHICAGO, ILL.

Cable Address . . . "Medic, Chicago"

Subscription price.....Five dollars per annum in advance

[For other information see second page following reading matter.]

SATURDAY, DECEMBER 29, 1906.

[The large amount of space occupied by the index in this issue compels us to omit several departments and to curtail others.]

AMENORRHEA AND BRAIN TUMOR.

During the past decade a suspicion has developed that various intracranial growths produce disturbances of menstruation, especially in the direction of scantiness or even complete absence. In 1903 Axenfeld[1] pointed out that tumors of the base of the brain, especially those which involve the hypophysis cerebri, are most commonly productive of cessation of menstruation. For some years it had been recognized that acromegaly, especially in young persons, was likely to have complete amenorrhea as one of its first symptoms. Cessation of menstruation often declared itself many months before any other symptom of acromegaly could be observed and usually was treated in many ways before the hopelessness of the condition was realized with the inevitable advance of the nervous and tissue manifestations. In these cases a relationship between optic atrophy and the disturbance of menstruation was an early symptom and optic atrophy was also likely to develop early. The two sets of symptoms, indeed, were noted as tending to run corresponding courses.

These observations have been confirmed now in every part of the world and further study of such cases has thrown light on certain hitherto puzzling gynecologic conditions. Dr. Harvey Cushing,[2] of Johns Hopkins University, calls attention to cases in which tumors affecting the hypophysis cerebri were complicated not only by optic atrophy, but also by sexual infantilism, this latter condition involving complete absence of menstruation. Such cases have been reported before, and in some of them the sexual development has been very much delayed; menstruation has only been imperfectly established, and then has not infrequently disappeared completely after a short time. There would seem to be some very definite relation between the hypophysis and the genital organs, for a certain number of instances of failure of male genitals to develop normally have been reported in cases in which tumors of the hypophysis were diagnosed or were actually demonstrated at autopsy.

1. Neurologisches Centralblatt, 1903, p. 608, Sitzungsbericht.
2. Jour. of Nervous and Mental Dis., November, 1906, vol. xxxiii, No. 11, p. 704.

While most observers seem inclined to the opinion that it is the hypophysis and its function whose disturbance is directly responsible for the interference with menstruation, there is no doubt that in a number of reported cases the brain tumors have been situated at a considerable distance from the hypophyseal region, some of them, indeed, at the periphery of the brain. In these cases it has been argued by those who favor the hypophysis theory that either the function of the gland is interfered with by the occurrence of internal hydrocephalus with distension of the recessus infundibuli, or else that the gland suffers in some other way from the increased intracranial pressure. There is, however, no absolute demonstration of this, and in some cases the general disturbance of the central nervous system seems to have been the main cause for the menstrual difficulty. In a certain number of cases it has been noted that injuries in which concussion of the brain takes place are followed by prolonged disturbances of menstruation, especially cessation for many months, and it would seem rather difficult to connect the underlying pathologic conditions directly with the hypophysis.

The lesson of this recent observation is plain. A distinguished professor of gynecology of the last generation used to tell his pupils that they must not forget that a woman had a large number of organs outside of her pelvis. Most of these reported cases of disturbance of menstruation have been treated by local measures, of course, without results. As a large proportion of the patients were young unmarried women, the desirability of avoiding such a mistake is manifest.

SLEEPING SICKNESS.

The somewhat mysterious and obscure disease known as sleeping sickness is not present in the United States, and, therefore, the subject is of no direct concern to us. Although perhaps of academic interest only, from the wider standpoint of medical science sleeping sickness is of peculiar interest to members of the medical profession in all parts of the world. The disease is wholly confined to certain parts of Africa, as its scope does not extend further than that of the tsetse fly. Recently, however, the news has come from Arabia that a species of this fly has been found in that country, the first time, so far as is known, that Asia has been visited by the pest. The high death rate caused by sleeping sickness in some districts of Africa is creating much alarm, and no less than four expeditions are now investigating the matter in different parts of the country. An expedition has been sent out to the Congo region under the auspices of the King of the Belgians, another to East German Africa by the German government, still another to the Congo by the French Geographical Society, while the Schools of Tropical Medicine of Liverpool and London have been prosecuting researches in the Congo and in Uganda for some time past.

The statement has been made recently that about

600,000 natives have died from the disease during the past ten years in Central Africa. Of course, it is impossible to collect trustworthy statistics as to the death rate from the disease, but men who are well acquainted with the subject say that the above estimate is not exaggerated. Anxiety is being occasioned, too, by the appalling rapidity with which sleeping sickness is spreading in Africa, due undoubtedly to the fact that the waterways have been opened up within the past few years, rendering communication easy. The malady has been endemic in the Congo Free State as long as the history of that country has been known, and thence has been disseminated in various quarters. Uganda is a district which has suffered, and is suffering, very severely from its inroads. The disease is probably far more universal than is usually believed. It is a somewhat debated point to whom is due the honor of discovering the cause of sleeping sickness. This lies between Castellani and Bruce. At any rate, it has been definitely decided that a species of tsetse fly is responsible for its spread. The commission of the British Royal Society is said to have proved that the sole cause of sleeping sickness is the *Trypanosoma gambiense* conveyed from the sick to the healthy by means of *Glossina palpalis*, a species of tsetse fly, and probably by other varieties of the same fly. In Uganda the distribution of sleeping sickness and that of the *Glossina palpalis* particularly coincide.

It will require further and more convincing evidence before it can be wholly accepted as proved that the tsetse fly is the only cause of the distribution of the disease. Authorities are fairly well agreed that the disease is at first a specific polyadenitis caused by the *Trypanosoma gambiense*, and that in its last and sleeping stage it is invariably fatal. There have been but few cases in which members of the white race were attacked, but there have been sufficient to demonstrate the fact that white individuals are not immune to the disease.

It is hoped that the investigations now proceeding in Africa with the view of clearing up all moot points in connection with sleeping sickness will be successful in their object, and that, furthermore, means may be found to stay the ravages of this tropical plague.

THE GUIDE TO CURRENT MEDICAL LITERATURE.

For the past seven years THE JOURNAL has been publishing at the end of each volume an Index to Current Medical Literature. In each index number attention has been called to it editorially, and we are doing this again, in order that more of our readers may know of it. We are not now referring to the index to the reading matter appearing in THE JOURNAL, which resembles similar indexes in other journals.

Commencing on page 2205 is the Index to Current Medical Literature, and it is to this that we wish to call particular attention. Here will be found the titles of the original articles which have appeared in practically all of the important journals of this and foreign countries. On page 2234 commences the Author's Index. In this list will be found, arranged alphabetically, the names of the authors of the articles referred to above. While this Index to Current Medical Literature is not as complete as the Index Medicus, nor is expected to take its place, it will be found practical by those who wish to look up articles that have appeared in medical journals during the last six months.

The important matter connected with this index, however, is the separate publication of the Guide to Current Medical Literature in pamphlet form. In this are included—in addition to the index—the titles of the articles referred to in the index, reproduced as they appear, week by week, in THE JOURNAL. Without this reprint one has to refer to THE JOURNAL itself to find where an article can be found. The reprint includes the titles so that the reader can look up the matter without referring to THE JOURNAL at all.

We supply this reprint at 50 cents a copy or 75 cents a year. We again respectfully ask those of our readers who are in the habit of looking up literature, and who have not used this index, to test its value and to make suggestions for its further improvement.

TIME OF DEATH.

In a recent study of what Sir James Paget would have called the "chronometry of life," Mr. Marsh[1] has investigated, among other things, the time of day at which death is most likely to occur. For this purpose he analyzed 36,000 records, omitting only deaths from accident or suicide. His results are interesting because they controvert the usual view that death commonly occurs in the early morning when the vital forces are at a low ebb. Marsh's figures seem to show that, on the contrary, most deaths occur between 2 and 6 o'clock in the afternoon, i. e., at the time when the vital forces are normally at their highest point. The fewest deaths occur between 7 in the evening and midnight. In women the time of death tends to be a little earlier than in men, and in children a little earlier than in women, this too, following the line of the differences under normal circumstances in the pulse and temperature maxima. Mr. Marsh claims that there has really been no accurate investigation on the point in question, and that the usually accepted view has been based on generalities rather than on accurate observation. We fear that the figures presented are not sufficient to warrant accepting these conclusions as final.

THE NEXT PHARMACOPEIA.

According to the report published in the last issue of THE JOURNAL,[2] the Board of Trustees of the United States Pharmacopeial Convention is taking active steps for the issuance of the 1910 Pharmacopeia. The pros-

1. "The Diurnal Course of Efficiency." New York, 1906.
1. Dec. 22, 1906, p. 2101.

pect of greater interest in the Pharmacopœia being manifested by the profession is a hopeful sign of the times. THE JOURNAL is glad to be made the official organ of the Pharmacopœial Convention, if thereby it may aid in making the book a more practical one for physicians, and thus promote its use among them. We trust that practitioners generally will take more interest in this book and will suggest improvements, for it ought to be for physicians what it has long been for pharmacists, an exceedingly valuable hand-book and guide.

DISEASE DISSEMINATION BY INSECTS.

The conveyance of disease from animals to man through the agency of insects has been the subject of much investigation, but the number of species capable of acting as such carriers has not been fully appreciated. A suggestive addition to our knowledge of the subject is made in a communication of Dr. Samuel Weber[1] to the forty-third annual meeting of the American Veterinary Medical Association at New Haven, in August, 1906. His paper contains a description of certain insects belonging to the *psocidæ*, which are common in country places, frequenting barns and especially hiding in hay and grain, and which from their association with animals and their occasional visitation of houses may well prove carriers of disease from animals to man. They may infect clothing as well as food. There is a well-known aversion for such insects that is practically universal and amounts on the part of many persons almost to positive physical abhorrence. It would be extremely interesting to find now that this natural dislike has an important bearing on that instinctive conservatism which so often leads men to avoid the carriers of disease and certain methods of disease conveyance long before such definite knowledge in the matter has been gained as would enable them to give a reason for their action. Dr. Weber points out that many of the small insects which inhabit barns feed on the remains of fodder left by cattle and other animals, and not infrequently these remnants have become thoroughly saturated with saliva. If any disease of the respiratory passages particularly exists in these animals the insects are likely, for a time at least, to harbor the bacilli that may be present in such secretions in their digestive tracts. A certain number of the insects during the colder season migrate to the houses and there are to be found on the food and on the clothing of human beings. Danger of the conveyance of disease under these circumstances can be readily understood. Weber has demonstrated the occurrence of tubercle bacilli in one insect of this class. The danger is not great and yet it is constantly present, and these insects may account for the origin of many diseases in families, the cause of which can not otherwise be determined. The paper includes a description of unfamiliar insects which are usually not considered as likely to play a pathologic rôle, but whose possibilities in this matter have evidently not yet been established.

1. New York Med. Jour., Nov. 3, 1906, p. 885; abstracted in THE JOURNAL A. M. A., Nov. 17, 1906, p. 1682.

Medical News

CALIFORNIA.

Donation.—Mrs. Ethel W. Crocker has donated $15,000 toward the University of California Hospital fund.

Physician Wins Suit.—Immediately on the conclusion of the arguments in the case of the damage suit brought by D. Daniels against Drs. J. V. Varplanck Laseriere and George M. Bumgarner, Escondido, in which malpractice was alleged and damages of $10,000 were asked, the judge gave judgment for the defendants, as the testimony failed to substantiate the charge.

Library Trustees Elected.—At a meeting of the patrons of the Barlow Medical Library, erected by Dr. W. Jarvis Barlow, Los Angeles, at an expense of $60,000, the following trustees were elected: Drs. Benjamin F. Church, Milbank Johnson, Fitch C. E. Mattison, Stanley P. Black, William A. Edwards, John R. Haynes and George L. Cole. At his own request Dr. Barlow was not made a director.

Hospitals Benefited.—At a meeting of the San Francisco Relief executive board the committee approved the following appropriations for hospitals: San Francisco Maternity, $25,000; German Hospital, $19,000; California Woman's Hospital, $3,000; St. Joseph's Home and Hospital, $11,000; St. Luke's Hospital, $17,000; San Francisco Lying-in Hospital, $6,000; San Francisco Policlinic Hospital, $2,800; Lane Hospital, $1,500, and Children's Hospital, $22,500.

COLORADO.

October Deaths.—The total number of deaths reported to the State Board during October was 791, equivalent to an annual death rate per 1,000 of 14.13. Of the deaths, 74 were due to typhoid fever; 5 to scarlet fever and 4 to diphtheria.

Communicable Diseases.—As compared with September, 1905, the October report shows a decrease of 7 cases of diphtheria and 2 cases of smallpox and an increase of 17 cases of scarlet fever and 99 cases of typhoid fever.

MacGregor Memorial.—The Edinburgh friends of Dr. Jessie MacLaren MacGregor, formerly physician to the Woman's Hospital, Edinburgh, who died in Denver in March last, are establishing a memorial to take the form of a money prize for original research work by women graduates of the Edinburgh University, to be called the "Jessie MacGregor Memorial Prize."

CONNECTICUT.

Mayo in Hartford.—Dr. William J. Mayo, Rochester, Minn., president of the American Medical Association, was the guest of the Hartford Medical Society, December 7, and read a paper before the organization entitled "Surgery of the Stomach and the Allied Viscera."

November Deaths.—During the month, 1,294 deaths were reported, 8 more than in October, 37 more than in November, 1905, and 139 more than the average number of deaths for the month during the five years preceding. The mortality was equivalent to an annual death rate per 1,000 of 15.4.

Communicable Diseases.—Of the deaths reported 153 were due to diseases of the nervous system; 150 to heart disease; 138 to pneumonia; 101 to accidents, including violence; 90 to consumption; 37 to diphtheria; 33 to bronchitis; 26 to typhoid fever; 20 to diarrheal diseases; 18 to whooping-cough and 10 to influenza.

Infectious Diseases.—During November there were reported to the State Board of Health 46 cases of measles in 12 towns; 99 cases of scarlet fever in 29 towns; 1 case of cerebrospinal fever; 190 cases of diphtheria in 42 towns; 47 cases of whooping cough in 16 towns; 82 cases of typhoid fever in 32 towns, and 33 cases of consumption in 14 towns.

GEORGIA.

Physicians' Fire Losses.—A fire in the new sanitarium of Dr. Charles C. Stockard, Atlanta, which was nearing completion, did considerable damage and is believed to be of incendiary origin.——Dr. D. T. McCall, Rome, was seriously burned in a fire which destroyed his house, November 28.

ILLINOIS.

Personal.—Dr. and Mrs. Hero Kruse, Peoria, left for a trip to California, December 10.——Dr. and Mrs. Marvel Thomas, Gillespie, have gone to the south and Cuba to spend the winter.——Dr. Josiah M. Cody, Tremont, entered St. Francis Hospital, Peoria, for an operation December 10, and is reported to be doing well.

For the State Insane.—At a recent conference between the governor, the State Board of Charities and the superintendents of the various state charitable institutions last week, a plan was proposed by the governor for the rehabilitation of the charitable institutions in Illinois, including the establishment of several laboratories and one central psychopathic institute at Kankakee. This plan, if carried out, will, it is said, require $5,000,000, of which $800,000 is said to be available.

January Examination.—The Illinois State Board of Health will hold an examination for license to practice medicine, at the Great Northern Hotel, Chicago, Jan. 16-18, 1907. No applications will be received after January 5. The applicant must present a diploma from a medical college in good standing. Application must be made to the secretary, Dr. James A. Egan, Springfield, Ill., and a card of admission to the examination secured. Students who are to graduate in 1907 will be required to present documentary evidence of preliminary education.

Chicago.

Physicians Warned.—Judge Judson S. Going issued a warning to physicians against the common practice of issuing certificates of physical disability on slight grounds and ordered an individual, who had such a certificate, to appear in court forthwith.

Smallpox.—The first patient with smallpox discovered in the city since August 13, walked into the city hall December 12. The man, 36 years of age, had never been vaccinated, was in the fourth day of the eruptive stage, and probably had exposed hundreds to the infection. He is said to have come from Galesburg.

Deaths of the Week.—Deaths of the week from all causes numbered 618, equivalent to an annual death rate per 1,000 of 15.73. Pneumonia caused 113 deaths; heart diseases, 62; consumption, 55; Bright's disease, 44; violence, 43; acute intestinal diseases, 29; cancer, 25; bronchitis, 21; and diphtheria and scarlet fever, each, 15.

Bequests.—By the will of the late Otto Young $20,000 is bequeathed to the Chicago Home for the Friendless and $400,000 to the Chicago Home for Incurables, as a separate fund, the income of which is to be used in the maintenance of the building already erected by Mr. Young on the grounds of that institution in memory of his son.

Scarlet Fever and Diphtheria.—Scarlet fever and diphtheria are reported to be prevalent in the area of the city bounded by Diversey avenue, the north branch of the river, Chicago avenue, and Kedzie avenue, and in the section bounded by Taylor and Morgan streets, the south branch of the river, and Hoyne avenue. During the holiday season the health department will make a thorough canvas of every infected house, and children living in such houses will not be allowed to re-enter school until it may be done without exposing other children to risk.

INDIANA.

Morbidity and Mortality.—During November the State Board of Health reports 302 deaths from pneumonia and 80 from influenza as compared with 219 deaths from pneumonia and 13 deaths from influenza in the corresponding month of last year. Diphtheria, tonsillitis, bronchitis, pneumonia, influenza and typhoid fever were most prevalent during the month. Diphtheria caused 79 deaths, as compared with 33 in November, 1905. During the month, 56 schools were closed on account of diphtheria and 37 on account of scarlet fever. There were reported 495 cases of typhoid fever from 37 counties with 135 deaths, or 92 more cases and 34 more deaths than in the corresponding month of last year. Smallpox was reported in 14 counties with 212 cases and no deaths. Deaths from tuberculosis numbered 323; from cancer, 91; from violence, 184 and from diarrheal diseases, 161. The mortality for the whole state was at the rate of 13.3 per 1,000, per annum.

IOWA.

Hospital Opened.—The Pocahontas Sanitarium and Hospital was formally opened December 1. Dr. J. W. Starr is in charge of the institution.

Personal.—Dr. Ralph H. Parker, Storm Lake, who was recently elected coroner of Buena Vista county, has resigned.——Dr. Louis A. Thomas, Red Oak, secretary-elect of the State Board of Health, has left for his new field of duty in Des Moines.——Dr. Cora B. Williams, Marshalltown, who has been seriously ill with cholelithiasis, is reported to be improving.——A banquet was recently tendered to Dr. Daniel W. Crouse, Waterloo, who retired December 1, to locate in Alabama.

Medical Society Meeting.—The Marion County Medical Society held its thirty-fourth annual meeting in Knoxville, December 14. Among the visiting members were Drs. J. W. Cokenouer and E. E. Dorr, censors of the seventh district, both of Des Moines. The following officers were elected: Dr. J. W. Finarty, Knoxville, president; Dr. A. C. Payne, Pella, vice-president; Dr. C. W. Connell, Knoxville, secretary; Dr. J. V. Brand, Knoxville, treasurer, and Dr. C. E. James, Durham, censor.

MASSACHUSETTS.

To Complete Hospital.—The Boston board of aldermen has unanimously passed an order to appropriate $28,000 for the completion of the Relief Hospital of East Boston.

Diseases in Schools.—Whooping-cough, chickenpox and mumps are prevalent in the schools of Middleboro, and whooping-cough is reported to be epidemic among the public school children of Somerville.

School Inspectors Appointed.—The Boston board of health has appointed 30 additional physicians, making a total of 80 now appointed by the board, as medical inspectors of schools. Each inspector is paid a salary of $200 a year.

Boston Needs Tuberculosis Hospital.—So great is the need of Boston for more accommodations for its consumptive citizens, that pending the completion of the new hospital now being erected in Dorchester, Mayor Fitzgerald is seriously contemplating the use for this purpose of the old hospital on Swett Street formerly used as a smallpox hospital. About 60 beds could thus be provided.

Personal.—Dr. James J. McAvoy has been elected a member of the Lawrence school board, to fill the unexpired term of Dr. John H. Bannon, recently elected school physician.——Dr. Charles D. McCarthy, mayor-elect of Malden, was thrown from his buggy and seriously injured on the evening of election day.——Dr. Charles H. Mace has been appointed school physician of Huntington.——Dr. Francis J. Keany, Boston, has been appointed dermatologist of the public schools.

Tuberculosis Prevention.—A conference on "The Duty of the Municipality and the State in the Prevention of Tuberculosis," held at the rooms of the Twentieth Century Club, Boston, on December 19, was addressed by Dr. Thomas Darlington, commissioner of health of New York City. The discussion was continued by Edward F. McSweeney, chairman of the trustees of Boston's new consumptive hospital; Dr. Samuel H. Durgin, chairman of the Boston board of health; Dr. Thomas F. Harrington, Lowell, and Drs. Arthur T. Cabot and Frederick L. Knight, Boston.

MICHIGAN.

Epidemic Diseases.—It is reported that there are from 50 to 60 cases of scarlet fever in Iron Mountain, and more than a dozen cases of diphtheria, and that the diseases are spreading rapidly.

Source of Typhoid Located.—The source of the five cases of typhoid fever in one family in Ecorse has been discovered by examination of the water from the well from which the family obtained its drinking water, which shows that the water is polluted.

Will Ask for Laboratory.—Dr. Frank W. Shumway, Lansing, secretary of the State Board of Health, says that the board will ask the next legislature to provide a bacteriologic laboratory and to employ a bacteriologist in connection with the department.

Ill and Injured.—Dr. Joseph Marshall, Durand, had his leg amputated in St. Mary's Hospital, Detroit, December 7.——Dr. Frank M. Thoms, Lansing, was seriously injured in a runaway accident, December 3. He was thrown from his buggy, striking his head against a tree, and sustained a sprain of the left arm, and cuts and contusions of the face.

Personal.—Dr. A. Duncan McAlpine, house physician at Harper Hospital, Detroit, has resigned to enter private practice.——Dr. Thomas M. Koon has resigned as health officer of Grand Rapids, the resignation to take effect January 1.——Dr. Arthur C. Lee, Detroit, accused of an attempt at bribery, has been discharged, as the judge found nothing in the testimony that would justify him in holding Dr. Lee for trial.——Drs. Edwin B. Forbes and William J. Stapleton, Jr., Detroit, have been reappointed physicians of Wayne County.

MISSOURI.

In Memory of His Son.—In memory of his son, the late Dr. John Franklin White, Mr. J. B. White, Kansas City, has presented to the town of Youngsville, Pa., a school building which cost $20,000.

Snodgras Laboratory.—St. Louis will spend $15,000 in equipping with the latest apparatus, instruments and literature the Snodgras laboratory, which is a department of the St. Louis City Hospital.

Municipal Sanitarium Report.—Dr. St. Elmo Sanders, city physician of Kansas City, has reported on the cost and maintenance of a municipal sanitarium in Clay County, for the fresh-air treatment of tuberculosis. He estimates the cost of the buildings at $10,000 and the maintenance for a year at $6,500 on a basis of 20 patients a day.

Personal.—Drs. J. F. Gallagher and Charles D. Hyndman, junior assistant physicians to the St. Louis City Hospital, have resigned, and Dr. Thomas F. Mullford has been appointed to fill one of the positions.——Dr. Otto W. Koch, Clayton, has resigned as jail physician.——Dr. St. Elmo Sanders, city physician of Kansas City, was operated on for gallstones at the University Hospital, December 7, and is reported to be doing well.

Meeting of Pharmacists and Physicians.—The St. Louis Medical Society of Missouri has invited the Alumni Association of the City Hospital, the Cinchona Club, the St. Louis Retail Druggists' Association, the St. Louis Drug Clerks' Association and the Alumni Association of the St. Louis College of Pharmacy to a union meeting, January 12, in the auditorium of the society, 3523 Pine street, to discuss the mutual relations of the professions of pharmacy and medicine. The following is the program:

"An analysis of the New Pharmacopeia," Mr. J. M. Good. Discussion opened by Dr. Joseph L. Boehm.
"The Mission of the National Formulary, with Exhibit of Selected Preparations," Prof. Francis Herr. Discussion opened by Dr. Justin Steer.
"The Ethics of Prescription Writing," Dr. Albert E. Taussig. Discussion opened by Mr. A. A. Kleinschmidt.
"The Ethics of Prescription Compounding," Mr. Emil A. Sennawald. Discussion opened by Dr. Otto A. Wall.

Hospital Notes.—The Swedish Hospital, Kansas City, with accommodations for 250 patients, has been formally opened. The staff is made up as follows: Dr. Nathan O. Harrelson, chief surgeon; Dr. Bertan H. Wheeler, chief obstetrician; Dr. Carl Sandzen, chief of department of medicine; Dr. Frank Hall, chief pathologist; Dr. Theo. S. Blakesley, eye, ear, nose and throat, and members of the general staff: Drs. Eric M. Anderson, Eugene Carbaugh, Oliver P. Faires, Jefferson D. Griffith, Minford A. Hanna, Carl A. Jackson, William C. Iuen, Euphemia Metzger, George C. Mosher, B. I. Sharp, Edward H. Thrailkill and David H. Riegle.——Plans are being formulated for a building at the St. Louis Insane Asylum for the segregation of violent and dangerous patients. The structure will accommodate 100 patients and will cost about $75,000.——The new administration building of the St. Louis City Hospital is nearing completion and will be ready for occupancy some time this month. The building will contain offices for the physicians in charge of the hospital, the residence of the superintendent and sleeping quarters for the attending staff.

NEW HAMPSHIRE.

Personal.—Dr. George Cook, Concord, has been appointed to represent New Hampshire on the committee of medical legislation of the American Medical Association.——Dr. Ralph E. Gallinger, Concord, has been appointed physician to the state prison, Concord.——The trustees of the New Hampshire Memorial Hospital for Women and Children, Concord, have appointed Dr. Marion L. Bughee physician in charge, vice Dr. Julia Walace Russell, deceased.

School Sanitation.—A committee of physicians, invited by the school board of Claremont to examine the sanitary conditions of the local school houses, recommended the abolition of vaults as soon as practicable, the installation of water closets, the disinfection of all school buildings with formaldehyd at the end of each term, and the appointment of a board of three physicians as medical inspectors of school children.

NEW YORK.

Reception for Students and Nurses.—Dr. Albert Vanderveer gave his annual reception for the students of the Albany Medical College and the nurses of the Albany Hospital Training School at his home, November 17.

Lecture Room Dedicated.—Scatcherd Hall at the Buffalo General Hospital, a gift from Mr. John N. Scatcherd, in memory of his father, was dedicated with appropriate ceremonies November 29. It is to be used for a lecture room and will seat about 150.

State Will Oppose Sewer.—The proposed Bronx Valley sewer, which will drain the valley from White Plains to Yonkers, will, it is believed, be a nuisance and a serious menace to health, and the State Commissioner of Health and the state engineer are still considering its advisability. If the state authorities should approve the plan, the merchants' association committee on the pollution of the waters of New York State will at once begin a fight to have the decision reversed.

Promotions at Craig Colony.—Dr. William P. Spratling announces that Dr. William T. Shanahan has been made first assistant physician and Dr. Kirby Collier second assistant physician at the Craig Colony for Epileptics, Sonyea, both promotions to date from Jan. 1, 1907. Both of these physicians have had several years experience in the treatment of epileptics, and during the last twelve months have performed 172 surgical operations under anesthesia on patients at the colony.

Medical Examining Board Appointed.—Major General Charles F. Rowe on December 12 issued an order, to take effect December 31, dissolving the examining board for medical officers of the National Guard organizations, and designating the following new board: Col. William G. Leboutillier, New York City, surgeon N. G., N. Y.; Lieut.-Col. Nathan S. Jarvis, New York City, surgeon First Brigade; Lieut-Col. Herman Bendell, Albany, surgeon Third Brigade; Lieut.-Col. Eugene A. Smith, Buffalo, surgeon Fourth Brigade; Major John A. MacCumber, surgeon Fourteenth Regiment, and Major William S. Terriberry, New York City, surgeon field hospital.

New York City.

Alumni Meeting.—The Alumni Association of the German Hospital in the City of New York holds its tenth annual banquet at the Café Martin December 29.

Dr. Emmet Knighted.—Dr. Thomas Addis Emmet has been made a Knight of St. Gregory by Pope Pius X in recognition of the devotion to his profession and his loyalty to the Catholic church. Dr. Emmet was formally invested with the insignia of the order December 20.

Hospital Dedicated.—The new Jewish Hospital at Classon and St. Mark's Avenues, Brooklyn, was dedicated with elaborate ceremonies, December 9. The hospital was equipped and built at a cost of $350,000 and $60,000 is still needed to equip the institution and to discharge its floating indebtedness.

Many Crippled Children.—In connection with the plans of the Guild for Crippled Children for erecting a large and commodious school building and dispensary, and the endeavor to have the board of education take over a larger amount of the work, it has been shown that there are more than 7,000 crippled children in Manhattan alone, and probably 10,000 in Greater New York.

Contagious Diseases.—There were reported to the sanitary bureau for the week ended December 15, 354 cases of tuberculosis, with 179 deaths; 289 cases of diphtheria, with 42 deaths; 185 cases of scarlet fever, with 11 deaths; 163 cases of measles, with 8 deaths; 71 cases of whooping-cough, with 9 deaths; 51 cases of typhoid fever, with 15 deaths; 3 cases of cerebrospinal meningitis, with 13 deaths; 140 cases of varicella, and 5 deaths of smallpox, a total of 1,261 cases and 277 deaths.

Testing Opsonic Method.—For some time physicians at the Rockefeller Institute have been experimenting with the opsonic theory for the cure of infectious diseases, including consumption. This new method is founded on the theory that there is in each person's blood the organic substance which will counteract the bacteria which occasion the disease. The Department of Health has taken up the application of the experimental work in the treatment of consumption. Dr. George W. Ross of Canada who has been in this city experimenting with this new idea, has gone to Saranac Lake to try the treatment on consumptives there.

Hospital Asks Aid.—The annual report of the New York Society for the Relief of the Ruptured and Crippled shows that 920 patients were treated in the hospital during the past year and that 46,284 treatments were given in the out-patient department. Although a saving of over $8,000 was made as compared with the previous year, the expenditures still exceeded the receipts by more than $27,000. On account of this deficit an appeal for public subscriptions has been made. This hospital is the largest orthopedic hospital in the world and recently has been making great strides in the treatment of tuberculosis of the bones and joints.

The Seney Hospital.—The Halls administration building of the Methodist-Episcopal Hospital, Brooklyn, has been dedicated. The Seney Hospital was founded twenty-five years ago by the late George I. Seney whose gifts to the institution

amounted to over $400,000. Four years ago Mr. and Mrs. William J. Halls offered to complete the hospital at an expense not to exceed $125,000, on condition that $500,000 be raised to pay off the floating debt and bring the endowment of the institution up to $850,000. As more than $450,000 has been raised it was decided to open the administration building. The third building will be complete and ready for occupation within a year.

NORTH CAROLINA.

Sanatorium Opened.—The Stewart Sanatorium, Newberne, was opened to receive patients December 1.

Personal.—Dr. Francis Duffy, New Bern, while driving to the Stewart Hospital recently, sustained painful injuries in a runaway accident.——Dr. J. Vance McGougan, Fayetteville, has been made president of the Scottish Fire Insurance Company recently organized in that place.

Doctors' Homes Burglarized.—The home of Dr. J. H. Harrison, Littleton, was entered by burglars November 23. Two friends, who attempted to capture the criminals, were wounded but not fatally.——Dr. Algernon M. Lee, Clinton, lost a case of surgical instruments, a suit of clothes, his watch, $118 in cash and some valuable papers at the hands of burglars, December 1.

OHIO.

Malpractice Suit Ended.—In the malpractice suit of Mrs. Hixon against Dr. James W. Rabe, Akron, the jury returned a verdict for the defendant on technical grounds without leaving the box, in accordance with the instruction of the court.

Epileptic Hospital Report.—Dr. William H. Pritchard, superintendent of the State Hospital for Epileptics, Gallipolis, in his annual report, gives the average population of the hospital as 1,234 and the per capita cost of operating at $167.83. In his report he condemns the use of "patent medicines" and states that the hopeless condition of many of the incurable epileptics is due to the use of drugs.

Communicable Diseases.—During October the health officer of Toledo reported 99 new cases of typhoid fever, due, it is presumed, to the use of drinking water from polluted wells. ——Minster reports 60 cases of typhoid fever, with 20 deaths. ——A considerable amount of diphtheria is reported in Brown County.——Schools in Augusta, Batavia and Mount Orab have been closed and public gatherings have been prohibited for the time being on account of diphtheria.——The public schools of Blossom Grove have been closed on account of the prevalence of diphtheria.——The Van Horn school in Amanda Township, near Vanlue, has been closed on account of the prevalence of typhoid fever. Two other schools in this township have been closed for the same reason.——Diphtheria is reported to be epidemic in North Baltimore.

PENNSYLVANIA.

Personal.—Dr. Alfred E. Fretz, Sellersville, has been appointed pension examiner for Bucks County vice Dr. Howard M. Griffee of Taylorsville, deceased.——Dr. James S. Porteus, Taylor, broke his leg at the ankle by a fall on an icy sidewalk, December 11.——Dr. George H. Halberstadt, Pottsville, who has been seriously ill, has resumed practice.——Dr. Charles W. Delaney, senior interne at the Altoona Hospital, has resigned and will practice in that city.——Dr. Arthur F. Ash, Duke Center, who was recently operated on for appendicitis at the Bradford Hospital, has recovered.——Dr. William A. Upperman, Houston, was assaulted by an unknown assailant, his head was badly cut and he was rendered unconscious. Robbery was apparently not the motive for the crime.

State Hospital for Inebriates.—The establishment of an institution for the treatment of habitual drunkards, dipsomaniacs and drug habitués of whatever character may be confined and treated, was the basis of discussion of a number of Pennsylvania's most eminent physicians and alienists, held at the University Club, Philadelphia, December 14. A committee was appointed to draft a bill asking for an appropriation and commission for the furtherance of the project. The measure was to be given in charge of Senator Grim of Bucks County for presentation to the upper house, and an assemblyman from western Pennsylvania will be selected to present the measure to the lower house. The members of the committee appointed by the state medical society at its last meeting were: Dr. Theodore Miller, Pittsburg; John W. Ellenberger, Harrisburg; Charles K. Mills, Philadelphia; John B. Carroll, Hatboro; Fremont W. Frankhauser, Reading; George E. Holtzapple, York; and George D. Nutt, Williamsport. The question of the establishment of the institution was thoroughly discussed and a committee of five was appointed consisting of Drs. John B. Carrell, Charles K. Mills, Albert M. Eaton, Henry Beates, Jr., and Mr. Franklin Marsh of the Society for the Prevention of Cruelty to Children. The committee is also interested in the procuring of an amendment of the law of 1903 relative to the commitment of inebriates to insane hospitals.

Typhoid Fever.—Allegheny City and County are suffering with what is said to be the most severe epidemic of typhoid fever the district has ever known. There are at present nearly 3,500 cases of typhoid fever in Pittsburg and Allegheny. From January 1 to December 20 the records of the Bureau of Health show that 5,457 cases of typhoid fever have been reported in Pittsburg alone. The disease is general throughout the county, as indicated by reports from the surrounding towns. In Allegheny City 2,000 cases have been reported since January 1, making a total of over 7,000 cases of typhoid fever in less than eleven months. The death rate has been, as a rule, above 5 per cent., but the rate in Pittsburg at the present time is nearly 6 per cent. During April 82 persons died of the disease; in May, 51 deaths resulted; in June, 46; in July, 27; in August, 29; in September, 85, and in October 27 deaths occurred. The death rate for November has not yet been completed, but it is estimated that about 62 deaths from the disease occurred during that month. This makes a total of nearly 500 deaths from typhoid fever in Pittsburg alone. This record of sickness and death is ascribed to the impure water supply.——Scranton is undergoing a rather severe epidemic of typhoid fever. Ninety-three new cases of the disease were reported to the Bureau of Health on December 21. On December 22 the report of new cases showed a marked falling off, only 45 new cases being reported. The health authorities believe the acme of the epidemic has, therefore, been reached and passed. The total number of cases reported thus far aggregate 482. It is believed that the city's water supply is responsible for the disease, and the Elmhurst reservoir which is the principal source of supply, has been closed.

California Relief Fund.—At a meeting of the Philadelphia County Medical Society, held October 17, it was resolved that a copy of the report of the California Physicians' Relief Committee be published. The report shows that a total of $2,490.50 was received by the treasurer of the committee and turned over to the American Medical Association's California Relief Fund. The amounts received from the different counties are as follows:

Bradford County	$ 25.00	Northampton County	$ 50.00
Bucks County	28.00	Northumberland County	12.00
Center County	50.00	Norristown, Montgomery County	110.00
Clinton County	55.00	Philadelphia County	1,500.00
Columbia County	38.00	Somerset County	15.00
Dauphin County	50.00	Susquehanna County	12.00
Elk County	18.00	Union County	19.00
Fayette County	20.50	Warren County	25.00
Franklin County	10.00	Wayne County	8.00
Lancaster County	100.00	Westmoreland County	25.00
Lehigh County	25.00	York County	140.00
Lycoming County	50.00		
McKean County	25.00		
Mifflin County	10.00	Total	$2,490.50

Insane Hospitals of the State.—The special commission appointed at the last session of the legislature to investigate the condition and management of the hospitals for the care of the insane held several seasions in Philadelphia during the past week and sessions will be continued in that city, Harrisburg and Pittsburg, so that an opportunity may be afforded for visits to the institutions, in the eastern, western and central parts of the state. The investigations will also include an examination of the members of the state lunacy board, the managers, physicians and nurses of the institutions, and also former patients who have been discharged, cured from the hospitals. S. J. Nicholas Mitchell, Philadelphia, secretary of the state lunacy board, during his examination by the commission pointed out that there are now in the hospitals and penitentaries of the state 348 male and 38 female insane criminal convicts. He submitted the following facts to show the overcrowded condition of the state institutions: The State Hospital for the Insane, Southeastern District, Norristown, has accommodations for 985 females and 860 males; its inmates number 1,191 male and 1,286 females, or an excess of 331 males and 301 females. The Pennsylvania State Lunatic Hospital, Harrisburg, has accommodations for 915 and had 1,005 inmates September 30, an excess of 90. The State Hospital for the Insane, Danville, has accommodations for 950 and has 1,285 inmates, an excess of 335. The State Hospital for the Insane, Warren, has accommodations for 716 and has 1,162 inmates, an excess of 446; and the Western Pennsylvania Hospital for the Insane, Dixmont, has accommodations for from 600 to 700 and inmates 966; an excess of nearly 300. The total excess of inmates over accommodations is 1,779.

Philadelphia.

Hospital Report.—The report of the Medico-Chirurgical Hospital for November shows that 5,749 patients were treated in the institution. Of these, 1,137 were treated in the surgical dispensary, and 632 were treated in the accident room.

Medical Inspection.—The report of the medical inspectors of the bureau of health for November shows that a total of 18,517 individual examinations were made, and that treatment was recommended to 4,607. The inspectors made 5,364 visits to the schools of the city during the month.

Bequest.—The will of the late Mrs. M. Louise Delavan, bequeathes $5,000 to the Methodist Episcopal Hospital for the establishment of a free bed to be named the "Rebecca E. S. Delavan free bed;" $2,500 to the Methodist Home for the Aged; $2,500 to the Methodist Orphanage, and $1,000 to the Philadelphia Society for Organizing Charity.

To Stop Quackery.—A movement to secure the passage of a pure food and drug law by the next legislature has been inaugurated by the druggists and physicians of this city. The provisions of the bill to be urged for enactment will be similar to the federal statute passed June 30, 1906, and a committee has been appointed by Dean Remington of the Philadelphia College of Pharmacy to frame the bill.

Bacteriologic Laboratory Report.—The report of the city's bacteriologic laboratory for November shows that 1,484 specimens were examined for the diphtheria bacillus; 583 specimens of suspected typhoid blood were examined; 841 specimens of milk were analyzed and 128 specimens of sputum were examined. The laboratory supplied 2,302,500 units of antitoxin, made 10 disinfection tests, and 121 analyses.

Medical Inspection.—The report of the department of medical inspection of the Bureau of Health for the month of November shows that 3,667 inspections were made by the medical inspectors, excluding schools. The inspectors ordered 614 fumigations and examined 67 cases for special diagnoses. They collected 251 bacteriologic cultures, administered 207 injections of antitoxin, and performed 414 vaccinations.

Contract Awarded.—The contract for the erection of the new muncipal hospital for the treatment of contagious diseases was formally awarded for $643,298. The department of public health will push the erection of the building of the hospital to early completion. The contract calls for the erection of pavilions for the care of diphtheria and scarlet fever cases, a main or administration building, nurses' home and other accessory buildings.

Municipal Hospital Report.—The report of the Municipal Hospital for November shows that in the diphtheria department 70 patients remained at the last report; 106 were received, 108 were discharged, 14 died, and 54 remained. In the scarlet fever department 59 patients were remaining at the last report. During the month 29 were received, 27 were discharged, and 4 died, leaving 57 remaining. No cases of smallpox were treated during the month at the hospital. Two cases of other contagious disease were received.

Health Report.—The deaths from all causes reported for the week ended December 22, reached 525. This is an increase of 26 over last week, and an increase of 2 over the corresponding week of last year. The principal causes of death were: Typhoid fever, 31; diphtheria, 17; influenza, 5; tuberculosis, 57; cancer, 18; apoplexy, 21; paralysis, 4; heart disease, 56; disease of arteries, 7; acute respiratory diseases, 64; gastric ulcer, 5; enteritis, 19; cirrhosis of liver, 6; appendicitis, 4; acute nephritis, 5; Bright's disease, 41; premature birth, 17; congenital debility, 12; old age, 8; suicide, 3; injuries, 29; marasmus, 3, and unknown, 8. There were 281 cases of contagious diseases reported, with 48 deaths, as compared with 272 cases and 30 deaths reported last week. The increase in the death rate and in the number of contagious diseases is attributed to the damp, unseasonable weather conditions.

Personal.—Dr. Edward A. Spitzka and Dr. George McClellan, professors of anatomy in Jefferson Medical College, were tendered an honorary reception by the Penn club December 22.——Dr. John V. Shoemaker was tendered a reception by the Mecklenburg County Medical Society at Chase City, Va., December 15. Dr. Shoemaker spoke to the society on: "The Mineral Water Resources and Climatology of Virginia and North Carolina."——Dr. William L. Rodman was the guest of honor at the Rodman Surgical Society of the Medico-Chirurgical Hospital at the University club, December 18.——Dr. W. Joseph Hearn, who sustained a fractured skull by being thrown from his carriage is still improving.——Dr. Henry Sykes was appointed chief resident physician of the Philadelphia General Hospital by Dr. Coplin, director of the Department of Health and Charities, December 17.——At the annual meeting of the Academy of Natural Sciences, December 19, Dr. Samuel G. Dixon, State Commissioner of Health, was again elected president, and Dr. Henry Tucker was elected to the Board of Curators and Councilors to fill vacancy.

TEXAS.

Epidemic Diseases.—Marfa, Presidio County, has an epidemic of what is supposed to be malignant diphtheria and 12 deaths are said to have occurred. The condition of affairs was investigated by Dr. Philip J. Shaver, state health officer at El Paso, who reported 30 cases in the town of Marfa, with 5 deaths, all in children.——Smallpox is reported to be prevalent in a negro settlement, five miles from Venus. Dr. Ben H. Turner, Cleburne County health officer, is in charge of the situation.——Two cases of smallpox are reported from Corsicana.

Asylum Report.—The biennial report of the North Texas Insane Asylum, Terrell, for the period ended August 31, shows that on August 31, 1904, there were 1,379 patients in the institution; on August 31, 1905, 1,404 patients and on August 31, 1906, 1,663 patients. During the biennium 3,548 patients were under treatment, of which number 185 were discharged cured and 19 were greatly improved. One hundred and sixty-one died and 130 were sufficiently improved to be paroled. The deaths in the institution were due chiefly to chronic diseases, of which tuberculosis alone caused 48.

WISCONSIN.

Smallpox.—Eight cases of smallpox have developed in one ward in Beaver Dam and have caused the closure of the public schools and buildings in that part of the city.——A number of new cases of smallpox are reported in Milwaukee; at the Isolation Hospital in that city, 68 patients are under treatment. All of the cases are of mild type.——The St. Stanislaus Polish parochial school and the Concordia College, Milwaukee, have been closed on account of the infection.

Did not Comply with State Law.—The state statistician reports that only 235 accidents were reported in Dane County during the fiscal year ended September 30. Of this number, 9 were fatal and 198 suffered severe injuries, the rate of injured to the population being 1 to 326. The statistician believes that many physicians of the state are negligent and do not report accidents as required by the law. Wisconsin is said to be the first state in the Union to attempt a classification of accidents and the state statistician is naturally desirous that the records should be made as complete as possible.

Against Illegal Practitioners.—The State Board of Medical Examiners, through its attorney, A. C. Umbreit, has begun a crusade to force out of practice the practitioners who have not fully complied with the medical practice act in all its intents. The recent suits instituted against four Milwaukee men on the ground that they have assumed the title of "Doctor of Medicine" unlawfully and the further action in the circuit court to revoke the certificates of registration because of unprofessional conduct, are the first steps in this direction. Henry A. Schmidt and Adolphus Strassmann, practitioners, who were unable to produce diplomas from accredited medical schools or to show membership in recognized medical societies, are reported to have been fined $25 each and costs in the district court for assuming the title of "Doctor."

GENERAL.

Yellow Fever Situation in Cuba.—On December 9 there was only one case of yellow fever reported under treatment in Havana and one in the provinces. During the week ended December 17 two new cases were reported in Havana and one in the provinces, with no deaths. At this time last year there were 16 cases in Havana.

Beriberi and Trachoma in Mexico.—Consul General Gottschalk, at the City of Mexico, reports that trachoma and beriberi have recently been found in Mexico and that both diseases are believed to have been imported by immigrants en route to the United States. At Salina Cruz, the Pacific terminal of the Tehuantepec Railroad, and which is in direct communication with the greater part of the republic, from 500 to 1,000 Asiatic coolies land monthly. Although quarantine precautions are taken with this class of immigrants, there is always some danger of their carrying the disease inland to the plantations. During the past two years 150 cases of beriberi have been treated at Salina Cruz by the medical officers of the port.

FOREIGN.

New Hospital for Skin Diseases in England.—Four years ago an appeal was made for funds to build a hospital for skin diseases in Manchester. Last year the central building and

one wing were opened and in November, 1906, another wing was opened. The total cost so far has been $190,565, of which $167,840 has been raised.

Antialcohol Party in the French House of Deputies.—More than a hundred of the deputies in the French parliament have united to work against alcohol. The first meeting was devoted to a discussion of an extra tax for absinthe and bitters. Breton recently presented a bill in the house asking for the absolute suppression of the manufacture, importation and sale of absinthe and liqueurs containing it.

Honors for Publishers of Medical Books.—The medical faculty of the University of Tübingen, Germany, has conferred an honorary degree of doctor of medicine on F. Enke of Stuttgart for his fine medical publications. This same honor was conferred on Gustav Fischer of Jena a few years ago. Each of these publishers not only publishes medical books, but also issues one or more high-class medical periodicals.

International Annals of Gastrointestinal Surgery.—This is the title of a new review just founded by Monprofit of Angers with Marcel Baudouin as editor. Baudouin was formerly editor of the *Gaz. Méd. de Paris*, and was the originator of the *Institut de Bibliographie* at Paris. It issued an Index Medicus during the eclipse of the American Index Medicus. Monprofit is one of the leading surgeons in France. He presided at the last French Congress of Surgery.

Final Adoption of International Unification of Formulas for the Heroic Drugs.—The representatives of the various governments have officially signed the agreement for unification of the formulas for the preparation of the more potent drugs. The ceremony took place recently at Brussels, as the Belgian government has taken the lead in the matter. Sweden, Roumania and Bulgaria were the only countries interested which were not represented at the ratification of the agreement.

Hospital Management in New South Wales.—A new hospitals bill is to be introduced into the New South Wales parliament. The measure provides for radical changes in the existing system of hospital management. According to the *Australasian Medical Gazette*, the fundamental principle is to make hospital committees corporate bodies, with all the powers and functions belonging to such bodies. Clauses will probably be included intended to do away with defects in the existing law which afford ground for complaint.

Lack of Uniform Cocain Legislation in India.—There is a lack of uniformity among the various provincial governments in India in dealing with the growing evil of the cocain habit. According to the *Journal of Tropical Medicine*, no steps have been taken in the united provinces of Agra and Oudh to bring cocain under the provisions of the excise act and, therefore, these provinces form centers from which the drug may be smuggled into neighboring provinces where the authorities have acted more wisely in the matter.

Bust of Hanot Unveiled.—The suicide of the Paris associate professor of general medicine, V. Hanot, in 1896, was a tragic ending to a medical career full of promise and achievement. A tablet bearing his bust in relief was unveiled recently in the court of the Saint-Antoine Hospital, the principal seat of his labors, erected by subscriptions from his former friends and pupils. He was at one time editor of the *Archives Gén. de Médecine*, and published a number of works, especially on affections of the liver.

Medical Work in China.—Dr. J. C. McCracken spoke at Johns Hopkins University, Baltimore, November 8, on medical missionary work in China, where he has been serving as a representative of the Y. M. C. A. He says a medical school is now in process of construction in Canton, and that at present there are only 10 physicians in that province, or one physician for every 200,000 persons, and only one of the 10 is giving medical instruction. A dispensary will first be founded and later a hospital of 300 beds, with medical school attached, will be added.

Cancer Research in Hungary.—A national conference on the subject of cancer was held at Budapest in November. Dollinger is president of the cancer committee of the Budapest Medical Association, and he is the leading spirit in the national campaign. He made an official report on the results of the collective inquiry in regard to cases of cancer undertaken Oct. 15, 1904. The director of the bureau of statistics also delivered an address on the comparison of the German and Hungarian collective inquiries, both in regard to the methods and results of the investigation. The profession in Hungary is making an extra effort to collect interesting material for the international medical congress to meet at Budapest in 1909.

Ebstein's Seventieth Birthday.—The name of Wilhelm Ebstein of Göttingen, Germany, is well known in this country by his numerous contributions to the literature on obesity, gout, diabetes, chronic obstipation, etc., and his Manual of Practical Medicine which has been translated into several languages. His seventieth birthday, November 27, was celebrated by the medical faculty at Göttingen and his friends in various ways. After having been connected with the medical faculty of Göttingen since 1874, he resigned his chair October 1. During the last few years he has published some articles showing profound historical research on "Medicine in the Old Testament," and "in the Talmud," on "Thucydides' Plague" and the "Diseases observed in the Campaign against Russia, 1812," and others.

Eyesight Test for German Railroad Employés.—According to some new regulations the employés of the railroads in Prussia —which are government institutions—must have their eyesight tested when they enter the service, again when they enter on another branch of work which makes greater demands on the eyesight, and again when appointed to any official position. Besides this, the eyesight must be tested anew every five years, at which time the men are also to be examined for ocular and constitutional affections, and also for injuries to the head. In certain branches of the service the employés are allowed to wear glasses to bring their vision to the proper standard, but artificial aids are not permitted to switchmen and bridge-tenders, signal men, locomotive engineers and stokers, conductors or despatchers.

Prizes Awarded by the French Académie de Médecine in 1906.—The Académie de Médecine at Paris held its annual business meeting December 10, and distributed 30 prizes in money, amounting to about $8,680. Besides this, the income of $5,000 from the Audiffred endowment was divided among Calmette, Vallée, Halbron and Juillerat for their important work on tuberculosis. Calmette's research on the intestinal origin of tuberculosis has been frequently mentioned in these columns; Vallée is professor at the Alfort Veterinary School, and has published numerous important works on tuberculosis in man, cattle and horses; Halbron received $700 for his thesis on tuberculosis plus associated infections, and $900 was given to Juillerat for his system of "house books," the *casier sanitaire*, the sanitary record of each individual house. The system was described in THE JOURNAL for March 24, 1906, page 901. He has charge of the house book bureau in Paris where it is part of the police department. Each house book contains a diagram of the house with drain pipes, cess pools, etc., record of cases of communicable diseases that have occurred in the building, deaths, etc. Honorable mention in connection with this Audiffred prize was also given to Spengler of Davos, to Lesieur and others. The Audiffred prize is an endowment representing an annual income of about $5,000, to be given to the person discovering a sovereign cure for tuberculosis before 1920. The income may be given as encouragement for individual research on the subject of tuberculosis. This year seventeen persons competed in this line. Lesieur described a method for direct determination of the bacilli in the blood by having the blood drawn by leeches. The blood then squeezed out of the leeches does not coagulate, and the bacilli may be found in the sediment after centrifugation. Chuquet presented the second edition of his work on "Hygiene for the Tuberculous." Ferrier called attention to his finding that the persons who recover from tuberculosis are those with sound teeth, while those with friable teeth are liable to succumb. His conclusion that the tuberculous are starving for lime and the technic which he has found most conducive for its administration have already been summarized in THE JOURNAL, June 23, 1906, page 1961. Mendel described his method of intratracheal injections in treatment, and Rosenthal a method of respiratory gymnastic exercises. Vigné and Tartarin sent in studies on tuberculosis in the navy and merchant marine. No communication was received from America in competition for this prize, or for any of the others, so far as we can learn. THE JOURNAL published a list of the subjects and amounts of the prizes in the issue for Jan. 13, 1906, as competition is open to the world. The Chevallier prize of 6,000 francs, about $1,200, was given to L. Rénon of Paris for his "Studies on Tuberculosis, 1903-1906." Prizes for research on cancer were given to Cavaillon of Lyons for his fine works on surgery of cancer of the large intestine, and to Béclère, Bélot and Haret for Roentgen treatment. The prize given annually to the "most meritorious medical student" was awarded to a woman, Mlle Lingois.

Pure Milk in Australia.—It is announced from Melbourne, Australia, that the parliament of Victoria has passed a milk supervision act, which practically places every dairy in the colony under the eye of the government, and places those

dairies within the metropolitan area under the very strictest supervision. So drastic is the standard fixed that Mr. S. Cameron, the chief veterinary officer of the agricultural department, has stated that no matter how carefully the regulations are made under the laws, nearly 90 per cent. of the dairies, now supplying a population of about a million people in Victoria, will require important structural alterations and improvements. A thorough system of inspection is being inaugurated, the cost of which will to some extent be borne by a scale of fees, which dairy farmers and the owners of butter factories and creameries will have to pay. The organization of the sampling and analysis of milk is on a thorough scale, and pure milk is to be defined as milk containing butter fat to the extent of 3.3 per cent., provided that the total solids amount to 12 per cent. The transit of milk from country to town is to be supervised, and with the coöperation of the state railway department, the board of health and agricultural department, the risk of conveyance of disease to the milk through exposure on dirty railway stations and rough handling by railway workmen will be reduced to a minimum. At present the British example of municipal milk depots is not to be followed, but if physicians and some of the more enlightened leaders of municipal thought in Melbourne and Sydney win the day it will not be long before municipal milk shops are established in some of the principal cities of Australia. On the whole, legislation in Victoria, so far as the care for milk is concerned, is really more advanced than it is in Great Britain.

Educational Number of Paris "Progrès Médical."—The issue of the *Progrès Médical* (Paris, rue des Carmes 14), for November 10 is a stately journal of nearly 125 pages, containing detailed information regarding all the medical colleges in France and the French-speaking countries, including Canada and Switzerland, as well as the medical schools in Roumania and Turkey. The titles of the theses presented at the various medical schools are also given with each college. The number opens with a special article on instruction in pediatrics in France, with the hospital facilities at each of the medical schools and a list of 15 journals devoted to children's diseases. Nine French journals are listed: *Annales de méd. et de chir. infantiles* (Périer's); *Archives de méd. des enfants* (Comby's); *Clinique infantile* (Variot's); *Revue mensuelle des maladies des enfants* (Broca's); *Revue de puériculture* (Raimondi's); *La tuberculose infantile* (Dereeq's); *Revue d'hygiene et de médecine infantiles* (H. de Rothschild's); *Gaz. des mal. inf. et d'obstet.* (Gillet and Berthod's)—all published at Paris, and *Pédiatrie pratique* (Ausset's) of Lille. The list further includes the *American Archives of Pediatrics* and *Pediatrics* of New York; the British *Journal of Children's Diseases*; the *Archivos de Pedagogia y Ciencias afines*, of La Plata, Argentina; the *Revista del hospital de ninos*, of Buenos Ayres, and the *Kinderarzt*, of Leipsic.

The number also contains classified information in regard to medical and scientific societies, educational facilities offered to foreigners, etc. It states that every day from 50 to 100 persons apply by mail or in person at the scientific information bureau at the university, in charge of Dr. R. Blondel, where card catalogues of data of all kinds are kept, and inquiries are answered by clerks speaking English, French and German. The official title and address of the institution is the Bureau des renseignements scientifiques, Sorbonne, Université de Paris, Paris, France.

Public Honors at Funeral of Head Nurse at Paris Hospital.—With a military guard of honor, accompanied by the chief of the Paris hospital service, the director of the Salpêtrière hospital and hosts of others, the remains of Marguérite Bottard were interred November 16 and touching tributes were offered at the grave. She was head nurse and superintendent of nurses at the Salpêtrière for sixty years, entering its service in 1841, and still residing there when pensioned five years ago, living to the age of 85. When the clinic of nervous affections was founded in 1882, she took charge of the nursing and proved an invaluable aid to Charcot and to Raymond since. In 1891 she was presented by the public authorities with a gold medal commemorative of her fifty years of service, and seven years later she was made chevalier of the Légion d'honneur, according to Charcot's frequently expressed wish. Another gold medal and the Montyon prize had also been bestowed upon her. The *Progrès Médical* devotes nearly three pages to a biographical sketch and portrait of Mademoiselle Bottard, whose indefatigable devotion and gentleness and skill in managing her subordinates and the patients at the Salpêtrière were proverbial through generations of physicians and attendants. Sometimes six years would pass without her crossing the threshold of the hospital.

Correspondence

Prescribing Aconite by the Old Pharmacopeia.

NEW YORK, Dec. 22, 1906.

To the Editor:—On looking over a few of the latest prescription files at several drug stores, I was surprised to find that many physicians still prescribe tincture of aconite in the old doses.

Most druggists by this time have the new official tincture of 10 per cent. strength; and of this they dispense the quantity as prescribed. The result must, of necessity, be disappointing to both physician and patient, since a tincture of 10 per cent. can not have the same therapeutic effect, in the same doses, as a tincture of 35 per cent.

Some physicians not only did not know that the strength of this tincture had been reduced, but were entirely innocent of the existence of the new Pharmacopeia.

One physician who happened to prescribe tincture of aconite in five minim doses, in my presence, thought he was heroic in his doses. When I told him of the change in strength and of the changes in strength of different other official preparations, he exclaimed: "Is that so? Where did you see all of that? I never heard of it."

And this must be true of all other official preparations the strength of which has been changed. These are lamentable facts, very lamentable indeed.

Our patients ought not to be made to suffer because of our being too busy or too negligent to learn of those new facts most essential in the intelligent treatment of patients.

I write as a gentle reminder to those who have not yet learned of the new Pharmacopeia and its many changes.

L. BUCKLE, PH.G., M.D.

Dispensing versus Prescribing.

PRINCETON, MASS., Dec. 11, 1906.

To the Editor:—A judgment made according to the merit of the argument in Dr. Fussell's article, "Dispensing versus Prescribing," in THE JOURNAL, Dec. 1, 1906, would certainly maintain that prescribing is more advantageous than dispensing, both to the patient and the physician. If we allow that his statement purports the fact, we immediately claim that the grade of work done by the country physician is inferior to that done by the city physician.

Dr. Fussell says: "I can see no way at present for the country doctor to work except by dispensing." Be it true or not that the average medical man in the city is superior to the professional man of the outlying districts, i is indeed not necessary that there should be any difference in progress between two equally ambitious persons. To counterbalance hospital opportunity, the man in the country continually faces two most instructive problems: individual responsibility and inventive adaptation to inconvenient circumstances, for consultation is rarely available and surgical cases are not ideally environed.

As regards furnishing medicine, if a physician buys the finest preparations from the most reputable drug houses and charges enough for them, in addition to his fee, to make it profitable to himself, and knows each ingredient he uses, there can certainly come no harm from dispensing, provided only that he be conscientious. A progressive country doctor keeps in touch with latest methods through his medical journals, his medical societies and occasional visits to hospitals.

I maintain that he can also spend as much time in careful physical examination, and correct diagnosis as a city physician, therefore, the prime factor is, not the dispensing of drugs, but the quality of man.

ELISHA SEARS LEWIS, M.D.

Broken Thermometer in Child's Rectum.

ROCHESTER, MINN., Dec. 6, 1906.

To the Editor:—I was interested in the report of a broken thermometer in a child's rectum, in THE JOURNAL, Dec. 1, 1906, page 1841, and was surprised to read that no other such case was found recorded. A similar case occurred in my practice about twelve years ago.

A child about a year and a half old seemed indisposed and the mother proceeded to take the temperature by rectum. The child made a sudden movement and the instrument broke off at the upper constriction, leaving the bulb in the rectum. I reached the house about an hour afterward. The child was evidently in pain, crying and straining ineffectually. An anesthetic was given, and with the aid of a small bivalve ear speculum the bulb was extracted. It was placed somewhat obliquely; the sharp, jagged end had penetrated the mucous membrane, thus probably frustrating the efforts at expulsion. Although evidently some injury had been inflicted on the mucous membrane, no ill effect followed.

H. SPEIER, M.D.

[Several other letters on the above subject have been received. The fact is, the breaking of a thermometer in the mouth or the rectum is not such an unusual occurrence, and the statement "there is no case on record of the breaking of a thermometer in the mouth or anus," which occurred in our Vienna correspondent's letter, should not have been published.—ED.]

Traveling Fakirs: A Remedy.

SPRINGFIELD, OHIO, Dec. 10, 1906.

To the Editor:—Our city was recently afflicted by an unusually blatant pair of fakirs, and the way in which we got rid of them may be of interest. They advertised under the name of "Dr. Otto Urban," or "Prof. Joseph Otto Urban and his staff of magnetic healers." They carried full-page advertisements in our local papers, gave public exhibitions in the city hall and opened offices in a hotel. The first day they had between 30 and 40 patients.

Our medical society has a committee to look after illegal practitioners, and it was soon learned that "Dr." Urban was not licensed by the state board. A warrant for his arrest was secured and the fact demonstrated that Urban was a myth. R. E. Brake was the man brought into court, and he was regularly licensed. A warrant was then secured for the arrest of his business manager, C. J. Young, alias Joseph Otto Urban, but he skipped out before we could arrest him.

The day after we attempted to arrest Urban they did not have a patient, and Brake said in an interview that we had ruined his business.

If these fellows try to operate elsewhere we will gladly furnish those requesting it, all the information we have concerning them.

W. B. PATTON.

The "Philistine" on Vaccination.

CINCINNATI, Dec. 9, 1906.

To the Editor:—I desire to call your attention to the outburst of pent-up enthusiasm of the editor of the periodical (bound in butcher's wrapping paper) called the *Philistine*, or foolistine, of December, 1906. This gentleman, who is also a manufacturer of expensive furniture, endeavors to pull down the barriers which have stood for a century in support of vaccination. His article, while very weak, is cleverly written and, of course, will be hailed by many as a just attack, just as the followers of poor Dowie embraced his wonderful teachings, until their funds gave out.

The editor of the *Philistine* makes this statement: "Vaccination has got to go along with black cat salve for itch and sheep nanny tea for mumps." What a brilliant comparison. Does he really believe this? No, we shall not feel alarmed about this wonderful man who explodes "every little while." In the meanwhile let us hope that there will be no outbreak of smallpox in the furniture factory at East Aurora, N. Y.

DR. WILLIAM C. HERMAN.

Medical Organizations and Appointments on Health Boards.

JACKSON, MICH., Dec. 17, 1906.

To the Editor:—Through the medium of THE JOURNAL I should like to secure information regarding the appointment of members to local boards of health on the recommendation of the county societies or similar medical organizations. The inefficiency and dishonesty of boards appointed through political favor is so notorious that it behooves the profession to take this matter up for serious consideration, as a means of protecting both the public and themselves.

If any of the readers of THE JOURNAL know of such an arrangement as mentioned above I shall be greatly indebted for information as to methods and results.

CHRISTOPHER G. PARNALL.

Queries and Minor Notes

ANONYMOUS COMMUNICATIONS will not be noticed. Queries for this column must be accompanied by the writer's name and address, but the request of the writer not to publish name or address will be faithfully observed.

LOCUM TENENS IN CALIFORNIA.

GOSHEN, MASS., Dec. 14, 1906.

To the Editor:—In order to act as *locum tenens* in California is it required that one shall take the State Board examination and register? N.

ANSWER.—Yes, all states require registration before one can practice medicine. A few, Arkansas, Florida and Tennessee, allow registration under temporary permits, but this is under the supposition that the applicant will secure a permanent certificate at the next meeting of the board of examiners.

DOUBLE VISION.

PEARSON, MD., Dec. 4, 1906.

To the Editor:—What is considered by the best authorities on diseases of the eye to be the cause of diplopia, or double vision, that is, one person appearing as two persons to the person so affected. Is it generally considered a disease only of the eye or a symptom of Bright's disease or some other trouble? Is it usual for double vision to occur only in one eye, and that only on looking straight forward or slightly downward, not on looking upward? Would a slight amount of inflammation of the eyelid or the conjunctiva produce it in some individuals? A. L. HODGDON.

ANSWER.—Diplopia, or double vision, is merely a symptom of some eye disease, usually paresis or paralysis of one or more of the external eye muscles. This paralytic condition is, in its turn, generally due to disease (syphilis, rheumatism, gout, diabetes, etc.) affecting either the nerve supply to the muscles at their centers or along their course from the brain to the orbit. The disease in which double vision most commonly occurs is locomotor ataxia. It is well known that a temporary double vision is one of the commonest forerunners of that disease, although it may be due to many other diseases of the brain and cord. Double vision in one eye only (monocular diplopia) is a rather rare condition and is not generally noticed by the patient. When it occurs it is generally due to hysteria or to beginning cataract.

NON REPETATUR.

PENN YAN, N. Y., Dec. 13, 1906.

To the Editor:—We are frequently annoyed by hearing that our prescriptions have been repeated without our knowledge or consent, either for the patient himself or for one of his friends. Have we any means of preventing such a practice other than trusting to the fairness of the pharmacist? Just what effect, if any, have the words "Do not repeat" when written on the prescription.

WILLIAM BRADY, M.D.

ANSWER.—The prescription is an order to the druggist to furnish the patient with a certain medicine prepared in a certain way and of a definite quantity. If the order incorporates the directions that the preparation is not to be repeated the druggist has no right to refill it. This much appears to be reasonable and we believe is legally correct. It is important in the interest of the patient himself, as well as of the physician, that the prescription should not be repeated, since it frequently consists of a remedy appropriate only to a temporary condition which may have disappeared before the request for repetition is made and it possibly contains drugs the continued use of which may produce a drug habit. The druggist not only ought not to refill the prescription, but he should not give a copy, as this would defeat the object of the prohibition against repetition. The prescription may be copied before it is delivered to the druggist.

CARREL'S TECHNIC OF ANASTOMOSIS.

NAPOLEON, OHIO, Dec. 19, 1906.

To the Editor:—Please inform me where I can obtain Carrel's method of anastomosing arteries or veins, with technic.

C. M. HARRISON.

ANSWER:—Carrel and Guthrie's technic is described and illustrated in THE JOURNAL, November 17, 1906. There are many illus-

trations. Another article giving the technic is found in *Surgery, Gynecology and Obstetrics*, March, 1906. This article contains a bibliography.

MORTALITY OF PNEUMONIA.

PECULIAR, Mo., Dec. 15, 1906.

To the Editor:—What are the latest statistics of the mortality of pneumonia? H. A. BRISELY, M.D.

ANSWER.—The latest statistics appear to be those of E. F. Wells (THE JOURNAL A. M. A., Sept. 24, 1904), who states that 20.4 per cent. of pneumonia patients die. His deductions are based on records of 465,400 cases. The mortality per 10,000 of the population in 1900, according to the U. S. Census (A. R. Reynolds, THE JOURNAL A. M. A., Feb. 28, 1903), was 19.78.

The Public Service

Army Changes.

Memorandum of changes of stations and duties of medical officers, U. S. Army, week ending Dec. 22, 1906:

Rutherford, Henry H., asst.-surgeon, granted ten days' leave of absence.

Lamson, Theodore, asst.-surg., granted twenty days' leave of absence.

Newgarden, Geo. J., surgeon, now at Newport News, Va., ordered to proceed to Fort D. A. Russell, Wyo., for duty.

Brown, O. G., asst.-surgeon, granted twenty days' leave of absence.

Shimer, Ira, asst.-surgeon, reported for duty as attending surgeon, New York City, New York.

Newgarden, Geo. J., reports on fifteen days' leave of absence en route to station.

Cowper, H. W., asst.-surgeon, relieved from further observation and treatment at the General Hospital, Washington Barracks, D. C., and to accompany detachment from Co. C, to Co. G, Hospital Corps, to San Francisco, Cal., then report in person to medical superintendent Army Transport Service for duty, relieving First Lieutenant Howard A. Reed, asst.-surgeon.

Reed, Howard A., asst.-surgeon, will upon being relieved from duty in the Army Transport Service, proceed on the first available transport sailing from San Francisco to Manila, and report in person to the commanding general, Philippines Division, for assignment to duty.

Bloombergh, H. D., asst.-surgeon, granted leave of absence for one month.

Rhoads, Thos. L., asst.-surgeon, granted twelve days' leave of absence.

Wilson, James S., asst.-surgeon, granted seventeen days' leave of absence.

Jarrett, Arthur R., contract surgeon, relieved from further duty at Fort Totten, N. Y., and from temporary duty at Fort Jay, N. Y., and ordered to Fort Hamilton, N. Y., for duty.

Byars, Caspar R., contract surgeon, granted leave of absence for one month.

Pinguard, Joseph, contract surgeon, returned to Fort Leavenworth, Kans., from duty in the field and leave of absence.

Johnson, Charles W., contract surgeon, granted leave of absence for three months.

Hutson, T. Ogier, contract surgeon, relieved from further duty at Fort McPherson, Ga., and ordered to Fort Moultrie, S. C., for duty.

Whinnery, Jean C., dental surgeon, left Fort Lawton, Wash., for duty at Fort Liscum, Alaska.

Mason, George L., dental surgeon, ordered from Fort McPherson, Ga., to Fort Oglethorpe, Ga., for temporary duty.

Navy Changes.

Changes in the Medical Corps, U. S. Navy, for the week ending Dec. 22, 1906.

Lumsden, G. P., surgeon, ordered to duty with Marine Recruiting Party, Dallas, Texas.

McLean, N. T., asst.-surgeon, detached from the Naval Station, Guam, L. I., and ordered home.

Barber, G. H., surgeon, detached from the Naval Station, Olongapo, P. I., and ordered to the *Baltimore*.

Kindleberger, C. P., surgeon, detached from the *Baltimore*, and ordered to the Naval Station, Olongapo, P. I.

Spear, E., surgeon, detached from the Naval Station, Cuacao, P. I., and ordered to the Naval Hospital.

Public Health and Marine-Hospital Service.

List of changes of station and duties of commissioned and noncommissioned officers of the Public Health and Marine-Hospital Service for the seven days ended Dec. 19, 1906:

Rosenau, M. J., P. A. surgeon, granted leave of absence for nine days from December 21, 1906.

Oakley, J. H., P. A. surgeon, granted leave of absence for three days.

Cofer, L. E., P. A. surgeon, leave of absence granted for 1 month and 8 days from Nov. 21, 1906, amended to read 18 days.

Grubbs, S. B., P. A. surgeon, granted leave of absence for three days from Dec. 26, 1906.

Amesse, J. W., P. A. surgeon, granted leave of absence for seven days from Dec. 10, 1906.

Ransom, S. A., acting asst.-surgeon, granted twenty-two days' extension of annual leave, on account of sickness, from Nov. 20, 1906.

Troxler, R. F., pharmacist, leave of absence granted for twenty-two days from December 10 amended to read for eighteen days.

PROMOTIONS.

McBride, C. R., pharmacist, promoted from pharmacist of the third class to pharmacist of the second class, effective August 15, 1906.

Neves, George, pharmacist, promoted from pharmacist of the third class to pharmacist of the second class, effective Nov. 17, 1906.

Marriages

WILLIAM A. UPPERMAN, M.D., Houston, Pa., to Miss Riles, recently.

GEORGE W. IRVINE, M.D., to Miss Anna F. Booth, both of Detroit, December 12.

GEORGE CHAIN, M.D., to Miss Nellie Noblit, both of Philadelphia, December 19.

THOMAS J. COLLINGS, M.D., to Miss Grace Davidson, both of Mecca, Ind., December 6.

GEORGE HOLMES, M.D., to Miss Celeste Haynes, both of Leesville, Texas, November 29.

JEFFRIES BUCK, M.D., to Miss Augusta Isabella Cook, both of Baltimore, December 5.

WILLIAM S. OSBORN, M.D., Knoxville, Iowa, to Miss Lucy Martin of Cherokee, Iowa.

HENRY S. WIEDER, M.D., to Miss Josephine Mendel, both of Philadelphia, December 10.

PASCAL B. BLAND, M.D., to Miss Susan L. Montgomery, both of Philadelphia, December 27.

JOHN A. FERGUSON, M.D., to Miss Julia Ruether, both of Brooklyn, N. Y., December 12.

EVERETT H. BRADWAY, M.D., to Miss Arta V. Maginnis, both of Abingdon, Ill., December 12.

FRED. J. HUNTER, M.D., Clyde, Ohio, to Miss Lelo B. Gilbert of Bellevue, Ohio, December 6.

WILSON S. ANDERSON, M.D., to Mrs. Maggie Shriner, both of Newtonsville, Ohio, December 8.

LEROY C. WAGGONER, M.D., to Miss Minna Matilda Pearsall, both of Brownsville, Pa., November 29.

WILLIAM B. CHAMBERLAIN, M.D., Cleveland, Ohio, to Miss Grace Huntoon of Moline, Ill., December 27.

ISAAC S. LONG, M.D., Freehold, N. J., to Miss Mary Isabelle Drummond, at Trenton, N. J., November 28.

JOHN H. RORKE, M.D., Reading, Pa., to Miss Martha J. Rorke of Northumberland County, Pa., December 6.

VICTOR C. VAUGHAN, JR., M.D., Detroit, Mich., to Miss Gertrude Leffingwell, of Quincy, Ill., December 12.

J. RANDOLPH HERSEY, M.D., Wheeling, W. Va., to Miss Kathryn Dobler of Brooklyn, N. Y., December 25.

ROBERT P. MCREYNOLDS, M.D., Philadelphia, to Miss Frances Cornelia Coulter of Los Angeles, Cal., December 12.

Deaths

Llewellyn Adelbert Buck, M.D. University of Georgetown, Medical Department, Washington, D. C., 1866; a member of the American Medical Association; formerly president of the Kansas Medical Society; assistant surgeon of the Twentieth Maine Volunteer Infantry during the Civil War and a prominent and highly esteemed citizen and practitioner of Peabody, Kan., for thirty years, was attacked with pneumonia at El Reno, Okla., while on his return from the meeting of the Rock Island Railway Surgeons at Hot Springs, Ark., and died in the Rock Island Hospital at El Reno, December 13, aged 66.

Joseph D. Montmarquet, M.D. College of Physicians and Surgeons in the City of New York, 1889; a member of the American Medical Association, Medical Society of the State of New York and Albany County Medical Society; attending surgeon to the Cohoes Hospital; once coroner's physician and member of the local board of health; died at his home in Cohoes, December 15, from typhoid fever, after an illness of four weeks, aged 47.

George H. Shoulters, M.D. University of Georgetown, Medical Department, Washington, D. C., 1883; a graduate of the Albany (N. Y.) Law School; clerk to a state senate committee for several years; an official of the Indian office in Washington and later an examiner in the patent office, died at his home in Washington, December 14, after an illness of five months, aged 58.

William Harrison Hipp, M.D. Bennett College of Eclectic Medicine and Surgery, Chicago, 1885; a member of the Illinois State Board of Health; professor of gynecology in his alma mater; attending surgeon at various hospitals, and a member of the national, state and city eclectic medical societies, died from pneumonia, at his home in Chicago, December 19, aged 42.

Lovias T. Ingersoll, M.D. University of Michigan, Department of Medicine and Surgery, Ann Arbor, 1880; a member of the American Medical Association, Colorado State Medical Society and Mesa County Medical Society; one of the most prominent practitioners of western Colorado, died suddenly at his office in Grand Junction, from heart disease, aged 45.

Edwin K. Foreman, M.D. University of Maryland School of Medicine, Baltimore, 1862; surgeon in the Army during the Civil War and one of the most prominent practitioners of Adams County, Pa.; for many years a practitioner of Littlestown, was found dead from heart disease in his buggy near Two Taverns, December 10, aged 72.

Joseph H. Firestone, M.D. Northwestern University Medical School, Chicago, 1897; a member of the Illinois State Medical Society, Stephenson County Medical Society, Mississippi Valley Medical Association, and the International Medical Congress, died at his home in Freeport, December 14, from typhoid fever, after a short illness.

Aldine Joseph Dooley, M.D. Rush Medical College, Chicago, 1896; superintendent of the Norwood Hospital and Sanitarium, Marion, Ind., a member of the Indiana State Medical Society and Grant County Medical Society; died in his apartments in Norwood Hospital, December 18, after an illness of several months, aged 34.

William D. Pursell, M.D. Jefferson Medical College, Philadelphia, 1874; after his graduation house physician in the Bedford Street Dispensary and Hospital, Philadelphia; for 32 years a practitioner of Whitehouse Station, N. J., died at his home, December 9, from cerebral hemorrhage, after a short illness, aged 57.

Joseph D. Nash, M.D. Jefferson Medical College, Philadelphia, 1865; for many years secretary of the Philadelphia County Medical Society and one of the best known practitioners of the northern section of Philadelphia, died at his home, December 9, from cerebral hemorrhage, after an illness of one day, aged 70.

Charles Bowker, M.D. Berkshire Medical College, Pittsfield, Mass., 1854; contract surgeon in the Army during the Civil War; a member of the Franklin District Medical Society since 1874; a selectman of Bernardston, Mass., where he practiced for 40 years, died at his home, December 10, after a short illness, aged 82.

Jacob Schneck, M.D. Chicago Medical College, 1871; a member of the American Medical Association, Illinois State Medical Society and the Railway Surgeons' Association; surgeon for the Cairo division of the Big Four System and the Illinois Central Railroad, died at his home in Mount Carmel, Ill., December 18.

Henry K. Weiser, M.D. Department of Medicine of the University of Pennsylvania, Philadelphia, 1881; for many years medical examiner for the Pennsylvania System, and a practitioner of York, Pa., died from heart disease while he was being taken to the Polyclinic Hospital, Philadelphia, December 7, aged 48.

David P. Bolster, M.D. Medical School of Maine at Bowdoin College, Brunswick, 1852; surgeon of the Twenty-first and Sixteenth regiments of Maine Volunteer Infantry during the Civil War; for the last 25 years a practitioner of Augusta, Maine, died at his home in that city, December 9, after a long illness, aged 79.

Austin B. Sherman, M.D. Eclectic Medical Institute, Cincinnati, 1865; surgeon during the Civil War; deputy coroner of the district; a member of the Schuylkill County Medical Society since its organization; died at his home in Mahanoy City, Pa., from locomotor ataxia, December 11, aged 78.

John Robert Coleman, M.D. University of Louisville, Medical Department, 1883; formerly president of the Southwestern Kentucky Medical Association, died at his home in Paducah, Ky., December 10, from acute nephritis, after an illness of one week, aged 46.

William K. Smith, M.D. Baltimore Medical College, 1880; during the Civil War connected with the medical department of Chimborazo Hospital, Richmond, Va., died at his home in that city, November 5, from nephritis, after a long illness, aged 72.

John Randolph Leigh, M.D. Jefferson Medical College, Philadelphia, 1850; brigade surgeon in the Confederate service during the Civil War, died at his home in Clarkesville, Va., December 9, from senile debility, after an illness of one year, aged about 80.

Fred L. Ainsworth, M.D. St. Louis College of Physicians and Surgeons, 1895; died at his home in Newport, Wash., December 13, from injuries received in a fall three days before, in which he sustained a compound fracture of the right leg above the knee.

Charles Cushing Odlin, M.D. Dartmouth Medical School, Hanover, N. H., 1870; one of the founders of the Melrose Hospital, and once president of the Massachusetts Society, died at his home in Melrose, Mass., December 19, from heart disease, aged 60.

Vernie A. Peterson, M.D. Atlanta (Ga.) College of Physicians and Surgeons, 1899; a practitioner of Hampton, Ill., until he was forced to leave on account of his health; died in Rhyolite, Nev., from pneumonia, November 25, aged 33.

John E. Prichard, M.D. Southern Medical College, Atlanta, Ga., 1892; a member of the Gordon County Medical Society and the Medical Association of Georgia, died at his home in Resaca, December 13, from capillary bronchitis, aged 52.

Louis J. Frasee, M.D. Hospital College of Medicine, Louisville, 1869; a Confederate veteran and well-known practitioner of Lexington, was found unconscious in his office, December 17, and died from heart disease an hour later, aged 57

Walter Duesler Clement, M.D. College of Physicians and Surgeons of Ontario, Toronto, 1872; who had practiced medicine in Innerkip for 40 years, died at his home in Toronto, from cerebral hemorrhage, December 11, aged 75.

Roch Raphael Gareau, M.D. Montreal University, Medical Department, 1877; died at his home in Detroit, December 13, after an illness of three months, following a blow in the abdomen from the crank of his automobile, aged 52.

Sylvester Van Syckle, M.D. New York University, New York City, 1849; a well-known practitioner of Hunterdon County, N. J., died at his home in Clinton, December 7, from pleuropneumonia, after a short illness, aged 81.

James Avery Mattison Stone, M.D. Miami Medical College, Cincinnati, 1870; a minister of the Union Baptist Church and a practitioner of Vincennes, Ind., died at his home in that city, April 15, from septicemia, aged 67.

Thomas F. McCleary, M.D. Long Island College Hospital, Brooklyn, 1893; surgeon to the Williamsburg and Bushwick hospitals, Brooklyn, died at his home in that city, December 15, after a long illness, aged 36.

Samuel W. Minshall, M.D. Minnesota Hospital Medical College, Minneapolis, 1886; formerly of Missoula, Mont., died in Kansas City, Mo., December 11, after a long illness from tuberculosis, aged 50.

Charles E. Hume, M.D. Jefferson Medical College, Philadelphia, 1849; one of the most prominent practitioners of Culpeper County, Va., died at his home in Culpeper, December 10, aged 81.

Benjamin L. Evans, M.D. University of Michigan, Department of Medicine and Surgery, Ann Arbor, 1879; formerly of Watseka, Ill., died at Goldfield, Nev., December 6, from pneumonia.

Edward L. Morse, M.D. Eclectic Medical Institute, Cincinnati, 1878; a veteran of the Civil War, died at his home in Chardon, Ohio, December 9, from cerebral hemorrhage, aged 68.

William R. Dufphey, M.D. Medical College of Virginia, Richmond, 1874; a member of the Medical Society of Virginia, died at his home in Oldtown, Va., from nephritis, November 29.

Frederick Goessling, M.D. Department of Medicine of the University of Pennsylvania, Philadelphia, 1873; was found dead at his home in Troy, N. Y., December 10, aged about 60.

John G. Baylor, M.D. University of Vermont, Medical Department, Burlington, 1896; died at his home in Pittsford, Vt., December 2, from nephritis, after a long illness, aged 34.

Thomas B. Payton, M.D. Kentucky School of Medicine, Louisville, 1884; died at his home in Lima, Ohio, December 17, from uremia after an illness of four days, aged 55.

J. C. Stanley, M.D. University of Louisville, Medical Department, 1887; formerly of Ogden, Ind., died at his home in Sherley, Ind., recently, after a short illness, aged 81.

Martha Champlin, M.D. Boston University School of Medicine, 1889; of Framingham, Mass., died at the home of her sister in San Francisco, November 22, aged 62.

George L. Hatfield, M. D. Jefferson Medical College, Philadelphia, 1900; secretary of the Fayette County (Pa.) Medical Society; died in Uniontown in September last.

George D. Seaman, M.D. Pennsylvania Medical College, Philadelphia, 1853; formerly a member of the legislature, died at his home in Avoca, N. Y., September 11.

James H. Keever, M.D. Baltimore Medical College, 1894; died at his home in Oak Cliff, Dallas, Texas, from cerebral hemorrhage, December 8, aged 36.

Simeon E. Smith, M.D. Eclectic Medical College of Pennsylvania, Philadelphia, 1877; died suddenly at his home in Portland, Ore., December 9, aged 85.

Jesse L. Limes, M.D. Eclectic Medical Institute, Cincinnati, 1870; of St. John, Kan., died suddenly at Adrian, Mich., December 12, from heart disease.

Horace J. Treat, M.D. Metropolitan Medical College, New York City, 1858; a veteran of the Civil War, died at his home in Chicago, December 18.

Laura A. Stow Ballard, M.D. Hahnemann Medical College and Hospital, Chicago, 1875; died at her home in Berkeley, Cal., December 8.

Joseph Wise, M.D. Medical College of Georgia, Augusta, 1856; died at the home of his son in Atlanta, November 18, aged 77.

John Shamblin, M.D. Atlanta (Ga.) Medical College, 1888; died at his home in Broomtown, Ala., December 13, aged 50.

Deaths Abroad.

L. V. Popow, M.D., until recently professor of internal medicine at St. Petersburg; for years president of the local medical society, and honorary body physician to the imperial family, died November 7, aged 62. He was the successor of Botkin, and published about 30 monographs on various phases of internal medicine.

I. Zabludowsky, M.D., director of the university massage institute at Berlin, died November 25, aged 55. He was a pioneer in the line of massage and other physical measures, especially in the after-treatment of surgical affections and to promote absorption.

G. Rossi, M.D., privat docent of anatomy at Naples, was recently fatally stabbed by an educated anarchist who had some fancied personal grudge against him.

L. Lapponi, M.D., physician to the present pope and his predecessor, died at Rome, December 17, of cancer of the stomach with intercurrent pneumonia.

Society Proceedings

COMING MEETINGS.

American Laryn., Rhin. and Otol. Society, Eastern Section, Providence, R. I., Jan. 5, 1907.
Med. Society of State of New York, Albany, Jan. 29, 1907.

BOSTON MEDICAL LIBRARY MEETING.

Regular Meeting, held Nov. 14, 1906.

Dr. George W. Gay in the Chair.

Intolerance of Fats.

Dr. David L. Edsall, Philadelphia, stated that the subject needs attention because fats, being very nutritious, are used freely, especially in cases of depraved nutrition and chronic disease. But these patients may not be able to digest milk, cream, eggs, olive oil, etc. This is well recognized in cases of severe liver or pancreatic disturbance, and has been lately urged as a reason for a different modification of milk in certain cases of infantile indigestion. Indeed, the younger the person the greater the apparent difficulty for the system to split up the fats and use them. The fat eaten may seem to be normal in amount, but more often is found to be increased. The object is to "build up" or "feed up" the patient. Thus a boy of 11 may receive as high as 250 grams of fat daily, or about 5,000 to 6,000 calories. Forced feeding of phthisis patients may result in overfeeding, and there will develop an intolerance of even normal amounts of fat. Special difficulty is also often encountered in pneumonia and typhoid fever, which may be relieved by using buttermilk, fat-free milk or the white of the egg, gradually adding the yolk. However, it should be remembered that infection in the milk is most often the cause for its being badly borne. Gastric hyperacidity at first is relieved by fat, but later is much increased and the condition then is promptly relieved by using fat-free milk.

After an acute infectious disease children often have a bowel disturbance which is due to intolerance of the fat which is too freely given.

Another group of patients not described in text-books shows languor, sallowness, often foul breath. A reduction in the amount of fat given produces a cure. Cases of recurrent vomiting, too, may be due to fat intolerance. On examining the stools for fat, note must be made of the amount ingested and of the size or number of the dejections. Otherwise any approximate estimates are useless. Not much value is to be attached to any statements except those based on a complete fat absorption experiment, such as can rarely be conducted outside of an institution.

Prof. A. E. Austin said that fats leave the stomach last and may then inhibit the mobility of the stomach. While in the stomach fats may be split and the resulting fatty acids may cause irritation and produce vomiting. Fats vary in the readiness with which they liquefy, and those which liquefy most readily are most easily absorbed. Other fats are the cause, at times, of discomfort and distaste. Lime water forms the hard, insoluble calcium soap. Why, he asked, should it be used in infants' foods? Why is it that we sometimes have a liquid, smooth stool containing a normal carbohydrate and proteid output with an abundance of fatty acids and only little soaps? There is some evidence of enteric disturbance, but why, if so, are the carbohydrate and proteid outputs normal?

Dr. Edsall said that the explanation offered, which does not seem to him adequate, is that there is in these cases a disturbance of the pancreas and consequent increase in the supply of alkalies. Pancreatic disease does not always mean a lower metabolism of fat.

Current Medical Literature

AMERICAN.

Titles marked with an asterisk (*) are abstracted below:

St. Louis Medical Review.

December 8.

1 *Treatment of Pneumonia. O. H. Brown, St. Louis.
2 Pathologic and Clinical Diagnosis of Sarcoma. (To be continued.) M. G. Seelig, St. Louis.

1. Treatment of Pneumonia.—The purpose of Brown's article is to present the various methods of treatment of pneumonia, as mentioned most often in the recent literature. He claims that from the results of the so-called quinin and iron therapy in a large number of cases of pneumonia, although the application is empirical, it seems that it should be tried. The fresh air method has been sufficiently successful to cause one to think it has virtue. Its judicious application is certainly rational and should perhaps be combined with the quinin and iron. The circulation is best supported by strychnin, caffein, or digitalin. The prescribing of definite amounts of water at regular intervals to remove bacterial toxins is also rational. The administration of an alkali in pneumonia patients is indicated to neutralize the acid produced by the bacteria, and to raise the alkalinity of the blood above that of normal. For this purpose sodium carbonate may be given. The salts of organic acids, however, serve the same purpose, as they are readily oxidized in the alimentary canal and in the tissues to the carbonate. Sodium citrate will serve the purpose of decreasing the coagulability of the blood and of maintaining the alkalinity of the body fluids. It acts when given by the stomach as a mild laxative, and after absorption stimulates diuresis. Both these latter actions are highly desirable in eliminating the toxic products of the disease.

American Journal of Medical Sciences, Philadelphia.

December.

3 *Infantile Mortality and Its Principal Cause—Dirty Milk. C. Harrington, Boston.
4 *Clinical Study of Eighty Cases of Exophthalmic Goiter. W. G. Thompson, New York.
5 *A Year's Experience in Intestinal Surgery. J. B. Deaver, Philadelphia.

6 Accidents Following Thoracentesis; Pneumothorax; Sudden Death from Exploratory Puncture. G. G. Sears, Boston.
7 Differential Diagnosis of the Diseases Hitherto Groped Together as Rheumatoid Arthritis, Chronic Rheumatism, Arthritis Deformans, etc. F. W. Nathan, New York.
8 *Exophthalmos in Leukemia. J. B. Herrick, Chicago.
9 *Typhoid and Paratyphoid Spondylitis, with Bony Changes in the Vertebræ. T. McCrae, Baltimore.
10 Value of the Differential Leucocyte Count in Diagnosis. F. E. Sondern, New York.
11 Early Diagnostic Signs of Insular Sclerosis. S. Brown, Chicago.
12 Principles of Treatment of Renal Insufficiency. R. B. Preble, Chicago.
13 *Treatment of Tuberculous Laryngitis with Culture Products. F. M. Pottenger, Monrovia, Cal.

3. Infantile Mortality and Dirty Milk.—Although it is generally well known that the mortality among infants and young children is very high, Harrington says that it is not commonly recognized that much of it is due to causes which are avoidable, and to one in particular which can be effectively controlled by individual and concerted effort—the milk supply. In this country, the annual waste of infant life fails to attract the attention to which it is entitled, largely because of indifference and ignorance on the part of the public and of public authorities to the importance of registration of vital statistics, by which alone can be measured the influence exerted by the various conditions affecting the public health. With no knowledge of the number of births and deaths, and of the ages at death, there obviously can be no knowledge of the rate of infantile mortality; and consequently where this is high, but unrevealed, the public mind is not disturbed. Even where vital statistics are registered and the rates of infantile mortality are therefore known, it is far from being well understood how many lost lives might easily have been saved. In some places, however, in this country and abroad, where this waste and its cause have been properly emphasized and brought home to thinking people, much has been done for its prevention and thousands on thousands of lives have undoubtedly been saved thereby.

4. Exophthalmic Goiter.—The findings of eighty cases are included in Thompson's report. All the cases presented the so-called cardinal symptoms. The most important facts which the investigation has elicited are three: (1) The frequency of serious acute febrile exacerbations, with dilatation of the heart; (2) the very common association of these exacerbations with tonsillitis; (3) the possibility of mistaking the highly toxemic clinical picture for such acute conditions as malignant endocarditis or other forms of acute general septicemia. In none of the series did the influence of shock appear to be a definite causative factor. The gland was more or less enlarged in all cases, in most of them moderately and bilaterally. In fourteen cases there was a distinct preponderance of enlargement on the right side, and in nine on the left. The heart was enlarged in many cases. In one-half of all cases murmurs were heard. In many instances these disappeared under treatment, showing that they were due to dilatation or over action. Gastrointestinal symptoms were present in about one-fourth of the cases. They consisted of irregular attacks of vomiting and diarrhea, as well as abdominal cramps, and sensations of distension and distress. Loss of weight was recorded in about one-third of all cases, and was often considerable. Edema was observed in twenty-three cases of the entire series. Sweating was noticed in twenty cases. Erythema was present in ten cases. Slight hemorrhages are occasionally associated with the disease. Von Graefe's sign, Stellwag's sign, and Moebius' sign were not often mentioned in the case histories under discussion. Pregnancy, instead of increasing the nervousness and other symptoms, as might be supposed, either exerts no special influence or the patient is materially better during the period of gestation. Diabetes was coincident with the exophthalmic goiter in three cases of the series. In several cases the thyroid extract had been prescribed. The patients were uniformly made worse by it. The duration of the disease varied from six weeks to twenty-five years, but more than one-fourth of the patients had had symptoms from two to four years. There were eight fatal cases. In twenty of the eighty cases, or in one in four, there was a history of tonsillitis or quinsy, and in ten more of acute infection of the respiratory system.

5. A Year's Experience in Intestinal Surgery.—On the forty patients whose case histories are given by Deaver, there were done twelve simple enteroenterostomies; eleven intestinal resections, with enteroenterostomy; one enterotomy; two colostomies; seven enterorrhaphies for various forms of fecal fistula; one suture of a typhoid perforation; one reduction by manipulation of an intussusception; eight instances in which strangulating bands or adhesions were divided; and three other (atypical) operations—a total of forty-six operations on forty patients. There were thirteen cases of intestinal carcinoma, all in the large bowel. The cecum was diseased in four cases; the sigmoid in four; the hepatic flexure of the colon in two; and the transverse colon, the splenic flexure of the colon, and the rectum in one case each. Five of these thirteen patients died—those in whom the splenic flexure and the rectum was involved, one of those with the cecum affected, and two of those in whom the sigmoid flexure was diseased. The remaining eight patients recovered from the primary operation and were relieved temporarily, but of the four successful cases in which the patients were seen sufficiently early for a radical operation to be done, two developed symptoms of recurrence about eight months later, and were again temporarily relieved by further operation; and in the case of two others, on whom a radical operation was done, sufficient time has not elapsed since the operation to permit of their being considered in this connection.

8. Exophthalmos in Leukemia.—Herrick reports a case of exophthalmos occurring in leukemia. The patient, male, aged 22, contracted a cold in the head, with some fever, buzzing in the ears, pains and aches over the body, and a feeling of general weakness. A few days later swelling of the eyelids and prominence of the eyeballs were noted. The case was a typical one of acute lymphatic leukemia. From the onset of symptoms of coryza to his death, was only thirty-six days. In that time there was a gradually increasing pallor with the attendant symptoms and findings of grave anemia, dyspnea, palpitation, dizziness, weakness, hemic cardiac murmurs, etc. A striking feature was the early and persistent bilateral exophthalmos. There was a slight puffiness of the lids, but the prominence of the eyeball was so marked as immediately to attract attention. No other suggestions of Basedow's disease could be found, no enlarged thyroid, no tremor or cardiac irritability, though the pulse rate was naturally accelerated (80 to 110) from the anemia and fever. The external ocular muscles worked perfectly, as did the iris. No tumor masses could be felt back in the orbit. There was little or no pain in the eye; vision was good. The retinal examination was negative, except for pallor. While suspecting chloroma an examination for thickening of the periosteum or for tumor masses other than the glands, especially in the temporal region was negative, nor could abnormal urinary pigment or pigmentation of the enlarged glands be made out. Treatment consisted of strychnin, *x*-ray exposures every other day, and Fowler's solution in increasing doses. The autopsy showed: Hyperplasia of the spleen and lymph glands; enlargement of the intestinal glands; lymphoid marrow in the femur; high grade of general anemia; multiple hemorrhages into the serous membranes, lymph glands, and viscera; leukemic infiltration of the lungs, kidneys, myocardium, and liver; diffuse bronchitis; atelectatic areas in the lungs, right serofibrinous pleuritis; localized fibrous adhesive pleuritis; double exophthalmos, with leukemic infiltration of the fatty tissue of both orbits.

9. Typhoid and Paratyphoid Spondylitis.—McCrae reports two cases which illustrate that in certain instances of typhoid spondylitis there are definite bony changes in the vertebræ. The general features of the condition suggest the probability of organic changes in the spine of some degree being a usual occurrence. The similarity of the changes found in typhoid spondylitis and those in the spondylitis found in other infections, especially arthritis deformans, suggest that the latter may be due to various infective agents.

13. Tuberculous Laryngitis.—Pottenger claims that the larynx is the ideal location for a lesion to be treated by tuberculin, for the dosage can be controlled absolutely by the local

reaction produced. The larynx should be watched daily and the dosage should not be increased beyond that which is necessary to produce a slight reaction; nor should a second injection be given until all reaction produced by the first has disappeared. Tuberculin administered in this manner will cure many cases of tuberculous laryngitis. It will increase the chances of recovery in these cases from 50 to 75 per cent., and in many cases it offers practically the only hope. In conjunction with it, all measures which will improve nutrition, and the local lesion should be used.

St. Paul Medical Journal.

December.

14 Theories of Immunity. F. C. Schuldt, St. Paul.
15 Immunity—Agglutinins and Precipitins. S. E. Williams, St. Paul.
16 *Clinical Use of Antistreptococcic Serum. J. T. Christison, St. Paul.
17 Anatomy and Physiology of the Intestine. P. B. Cook, St. Paul.
18 Causes and Varieties of Chronic Constipation. J. A. Cameron, St. Paul.
19 *Medical Treatment of Chronic Constipation. M. Allen, St. Paul.
20 *Dietary Treatmept of Chronic Constipation. M. N. Ghent, St. Paul.

16. Antistreptococcic Serum.—Christison's records of the use of the antistreptococcic serum in 42 cases of scarlet fever of severe type show but four deaths. In 31 of these cases the streptococci were found. In 10 of these cases there was present endocarditis of moderate severity. The application of ice bags was the only addition to the routine treatment. Most of the cases of scarlet fever were of so mild a type that little or nothing beyond a milk diet and rest in bed was needed. In one series of 6 cases there was no apparent effect from the serum, but on the administration of a serum of different manufacture the result was at once manifest. Christison's experience with the serum coincides with that of other clinicians.

19. Chronic Constipation.—Allen discusses the use of aloes, cascara sagrada, podophyllum, calomel, castor oil, salines and enemas. He says that laxatives should be avoided as much as possible, and that when used a preference should be given aloes, cascara and podophyllin. Drastic purgatives are to be used only occasionally, when constipation is obstinate and an immediate evacuation is necessary. The bitter waters afford only temporary relief. Sedative and antispasmodic remedies are sometimes required when constipation is of spastic type. Injections are of certain value, but the disadvantage is that ultimately small quantities of water do not suffice, and larger amounts must be used, which overdistend the large bowel and thereby render the use of injections valueless. Small injections of glycerin and large injections of olive oil may very properly be recommended.

20. Id.—Ghent claims that a patient with habitual constipation can as a rule eat any kind of food, but those things should be selected that will have the largest residue.

Bulletin of the Lying-In-Hospital of the City of New York.

September.

21 Open-air Treatment as Employed at the Lying-in Hospital. J. W. Markoe, New York.
22 Multiple Pregnancy; Triplets Followed by Eclampsia in Mother. R. McPherson, New York.
23 An Unusual Case of Hemorrhage in Eclampsia. J. E. Welch, New York.
24 Two Cases of Puerperal Septicemia Complicated by Abscess of the Parotid. A. R. Davis, New York.
25 Case of Hydatidiform Mole. E. S. Gushee, New York.
26 Method of Identifying Infants in the Lying-in Hospitals. A. R. Davis, New York.

Philippine Journal of Science, Manila, Supplement IV.

September 15.

27 New Philippine Acanthaceæ. C. B. Clarke, Kew, England.
28 New Philippine Ferns, II. E. B. Copeland, Manila.
29 Notes on Philippine Gramineæ, II. E. Hackel, Graz, Austria.
30 Myrsinaceæ Novæ Philippinenses. C. Mez, Halle, Germany.
31 A List of Known Philippine Fungi. P. L. Ricker, Washington, D. C.
32 New Philippine Asclepiadaceæ. R. Schlechter, Berlin, Germany.
33 New Philippine Burmanniæ. R. Schlechter, Berlin, Germany.

October.

34 Non-Christian Tribes of Northern Luzon. D. C. Worcester, Manila.
35 Philippine Coals and Their Gas-Producing Power. A. J. Cox, Manila.
36 Notes on a Collection of Birds from Palawan Island. R. C. McGregor, Manila.

American Medicine, Philadelphia.

October.

37 Acute Pyelitis. G. H. Noter, Philadelphia.
38 Series of Cases Illustrating the Ocular Complications of Hysteria. E. A. Shumway, Philadelphia.
39 Brain Abscess, Following Acute Otitis Media. T. H. Halsted, Syracuse, N. Y.
40 Pelvic Girdle for Ptosis of Abdominal Viscera: Suggestions for Its Use in Tuberculosis, etc. C. D. Spivak, Denver, Colo.
41 Severe Injury to the Left Orbital Region Presenting Paralysis of Several Cranial Nerves. J. H. W. Rhein and S. D. Risley, Philadelphia.
42 Bilateral Removal of the Lens in High Myopia, the Subsequent Use of Dionin. H. F. Hansell, Philadelphia.
43 The Mastoid Incision. W. Roberts, Philadelphia.

FOREIGN.

Titles marked with an asterisk (*) are abstracted below. Clinical lectures, single case reports and trials of new drugs and artificial foods are omitted unless of exceptional general interest.

Semaine Médicale, Paris.

1 (XXVI, No. 47.) *Sur quelques troubles de la nutrition: la cystinurie et l'alcaptonurie. L. Blum.
2 *Qualitative Change in Neutrophilic Leucocytes Earliest Sign of Mixed Hematogenic Hematologique de la rougeole avant l'apparition du signe de Koplik.
3 (No. 48.) Revision de la question de l'aphasie: l'aphasie de 1861 à 1866: essai de critique historique sur la genèse de la doctrine de Broca. P. Marie. Eight illustrations.

1. Cystinuria and Alcaptonuria.—Blum's critical study of the literature on this subject and his researches demonstrate, he believes, that alcaptonuria is a disturbance or defect in nutrition which allows a product of the normal decomposition of the aromatic substances to escape the destructive action of the liver. The cells of the liver seem to be unable to perform certain normal chemical functions whose nature the resulting alcaptonuria allows us to surmise. The knowledge of cystinuria and alcaptonuria has thrown light on the complicated question of the intermediate exchanges while at the same time raising new problems.

2. Early Sign of Measles.—An editorial note states that Flesch and Schossberger found on examining the blood of 26 normal individuals that the mononucleated neutrophiles with the nuclei more or less deeply indented averaged 36, while those with two lobes averaged 45, with three lobes 15, with four lobes 3 and with five lobes 1. The younger the cell the more even its outline. They also found that in 5 cases of measles the leucocytes with simply indented nuclei were abnormally numerous, amounting to 63 or 71 per cent., and increasing to 80 and 85 per cent. the day before the eruption appeared. In 2 other cases the proportion was 81 and 85 per cent. two days before Koplik's sign was evident. In another case in which Koplik's sign never appeared, the proportion was 60 per cent. four days before the exanthem. Simple examination of the dried blood with the Jenner or tri-acid stain reveals this hematologic sign of measles several days before any other sign. It was first discovered in examining the blood of two children convalescing from scarlet fever, and was a puzzling finding until explained by the development of measles a few days later.

Deutsche medizinische Wochenschrift, Berlin and Leipsic.

4 (XXXII, No. 45.) Neue experimentelle Untersuchungen über Tuberculose. Lydia Rabinowitsch (Orth's Pathologic Institute, Berlin).
5 *Zur physikalischen Therapie der chronischen Nierenerkrankungen (Kidney affections). M. Hirs (Meran).
6 *Erfahrungen mit der Lumbal-Anästhesie. Lindenstein (Nuremberg).
7 *Ueber Thoracoplastik. Goebel.
8 Ueber die familiäre Hornhautentartung (corneal anomalies). Veihagen.
9 *Concentrated Carbolic Acid in External Treatment.—Ueber eine neue Anwendungsweise der konzentrierten Karbolsäure in der externen Therapie, vor allem bei Bubonen und Furunkulose. W. Wolff.
10 Effect on New-Born Animals of Parental Injection of Heterologous Serum.—Verhalten neugeborener Tiere bei parentaler Zufuhr von artfremden Eiweiss (Kuhmilch und Kuhblutserum). W. Gessner (Magdeburg).
11 Ueber Intravenöse Nikotin-Einspritzungen und deren Einwirkung auf die Kaninchen-Aorta (of rabbits). J. Adler and O. Hensel (New York).

5. Physical Measures in Treatment of Chronic Kidney Affections.—Herz doubts whether baths are suitable for "toughening," even the well, especially children. Nature shows us the way to "toughen" the skin by the healthy, sunburned

aspect of the skin of persons leading an out-of-door life in contrast to the pale, sensitive skin of those who stay in the house. Light and air are Nature's methods of toughening the skin, not water. Especially in kidney disease, Herz warns against baths except for cleansing purposes, and states that they should be omitted entirely in cold, damp and stormy weather. All the arguments against the use of water which he presents are so many arguments in favor of the use of light and air baths. With them, he states, we can obtain all the special advantages which a mild, sunny climate offers in case of kidney disease. He gives the baths in a cabinet with electric lights in which the air is constantly changed by a weak current of warm air passing through it and carrying away the evaporation and emanations from the patient's body.

6. **Spinal Anesthesia.**—Lindenstein gives a very favorable report of his experiences with spinal anesthesia in 150 operations.

7. **Plastic Operations on the Thorax.**—Goebel describes a few cases of old empyema requiring a plastic operation, in which he used a muscle to fill up the dead space remaining after the main operation. If the muscle flap is cut with a broad base its nerves and vessels do not suffer. Even if cut into several flaps, observing the direction of the fibers, there is no disturbance in the innervation. This technic not only avoids dead spaces but the wound heals more rapidly, he states, and the stumps of the resected ribs are covered with skin, thus avoiding necrosis. He describes the technic in detail.

9. **Voerner's Carbolic Acid Treatment of External Affections.**—In case of a bubo or furuncle, if it is still hard, it is painted with pure carbolic acid, applied on a cotton-wound toothpick, in a strip from 0.5 to 1 cm. wide. The application is repeated daily for a few days until the skin peels off. After an interval of a few days, if the bubo has not retrogressed, the procedure is repeated daily. If there is fluctuation, the bubo is evacuated and the cavity swabbed with pure carbolic acid. This is repeated every second or third day until the cavity granulates, when salve or iodoform gauze is applied. Furuncles are treated with a mixture of 9 parts carbolic acid in one part alcohol, applied externally, or the interior is swabbed out. Care is necessary not to allow the carbolic acid to spread to the surrounding sound skin. A single application generally aborts or cures a small furuncle. The application of the concentrated carbolic acid in the same way cured also in cases of ulcerative and aphthous stomatitis, felons, and glandular processes in the experiences related by Wolff.

Münchener medizinische Wochenschrift.

12 (LIII, No. 43.) *Pubeotomie und künstliche Frühgeburt (and artificial premature delivery). H. Fehling (Strasburg).
13 *Ueber akute Darm-Tuberkulose unter dem Bilde einer schweren allgemeinen Infektions-Krankheit (intestinal tuberculosis). H. Pässler.
14 Das Leukocyt-Ferment in Milz, Lymph-Drüsen und Knochenmark bei Leukämie und Pseudo-Leukämie. G. Jochmann and C. Ziegler.
15 Poliomyelitis acuta und Meningitis cerebrospinalis. E. Tiedemann. One case.
16 Endemic Dysentery in an Insane Asylum.—Ueber Ruhr bei Irren. H. Liefmann and A. Nieter.
17 *Erythema exsudativum multiforme und nodosum der Schleimhaut in ihren Beziehungen zur Syphilis. G. Trautmann.
18 Ueber Pseudarthrosen-Heilung und künstliche Pseudoarthrosen-Bildung (artificial pseudo-arthrosis in forearm). J. Frankel.
19 Light and Currents of Air in Treatment of Chronic Heart Affections.—Die Licht-Luftstrombehandlung der chronischen Herzkrankheiten. M. Herz. See abstract 5, above.
20 Portativer Apparat für Behandlung von Finger- und Handgelenkverstelfungen. Bettmann.
21 Zur Technik der Roentgen-Therapie. R. Wiesner.
22 Zur Hygiene der Frauenkleidung (women's clothing). Grisson (Hamburg).
23 (No. 44). Intravenöse Digitalis-Therapie mit Strophanthin. R. von den Velden.
24 Die biologische Bedeutung der Photoaktivität des Blutes und ihre Beziehung zur vitalen Licht- und Wärme-Wirkung. V. Schläpfer.
25 *Ueber Komponenten des Tetanus-Toxin bei Anwendung von wasserfreiem Salzsäuregas bei der Temperatur der flüssigen Luft. A. Wolff-Eisner.
26 *Einwirkung der Roentgen-Strahlen auf Ovarien und den schwangeren Uterus von Meerschweinchen. K. Lengfellner.
27 *Zur Früh-Diagnose des Typhus. W. Meyerstein.
28 Ueber proteolytische Wirkungen intracellulärer Fermente. J. Baer.
29 *Zur Alkohol-Anwendung bei der Pneumonie. Fock.
30 Cholera Preventive Station.—Die Thätigkeit der Choleraüberwachungsstelle Küstrin, 1905. Peters.
31 Negative Verdict on O. Schmidt's Cancer Parasite.—Zur Beurteilung der nach. O. Schmidt in malignen Tumoren auftretenden protozoenähnlichen Mikro-organismen. A. Schuberg (Heidelberg).
32 Transmission of Epidemic Meningitis.—Sind die Steinkohlengruben die Verbreiter der Genickstarre? Lindemann (Bochum).

12. **Pubiotomy and Artificial Premature Delivery.**—Fehling presents statistics from his experience with 110 cases of artificial premature delivery and 27 of Cesarean section. The children were born alive in 92.3 per cent. of the cases with Cesarean section, but only 63.6 were alive by the end of the first year, while with artificial premature delivery 80.9 per cent. were born alive and 82.35 per cent. were living at the end of the first year. The prognosis for the life of the child is thus materially better with premature delivery, while Cesarean section is considerably more serious for the mother. Pubiotomy is preferable, he thinks, in case of a primipara with contracted pelvis, first seen at term, if the condition of mother or child renders it desirable to terminate labor, and if version or forceps are not advisable. Artificial premature delivery is indicated for multiparæ when the first or second birth resulted in the spontaneous death of the fetus or required difficult forceps intervention or perforation.

13. **Acute Intestinal Tuberculosis.**—Pässler describes 2 cases which demonstrate that an acute tuberculous infection of the intestines may develop in adults, independent of severe tuberculosis of the lungs, and may lead to a severe, febrile general syndrome, fatal in a few weeks. It is possible that mixed infection plays as important a part in the severe course of a tuberculous intestinal affection as in pulmonary tuberculosis. In the 2 cases described a few pyogenic staphylococci were found in the blood. The stools should always be examined for tubercle bacilli in case of a severe, exhausting, febrile affection without findings in the organs to explain it, and without positive signs of sepsis, typhoid or acute miliary tuberculosis, dragging along for weeks after a gradual onset. The complete absence of symptoms on the part of the intestines—as in one of the cases reported—should not mislead the observer.

17. **Erythema Nodosum of Mucosa in Relation to Syphilis.** Trautmann describes 6 cases of a multiform and nodose erythema with exudation affecting the mouth or upper air passages, occurring in persons years after syphilitic infection. He believes that the syphilis was not directly responsible, but merely afforded the predisposition for the development of the lesion. Mercurial treatment is unnecessary. In the cases reported excellent results were obtained with potassium iodid and in every instance there was a prompt and salutary reaction to salicylic acid.

25. **To Separate the Components of Tetanus Toxin.**—Wolff-Eisner has been applying Bergell's method to the study of tetanus toxin. Instead of treating toxins with an aqueous solution, Bergell uses a water-free gas, for example, anhydrous hydrochloric acid, with a boiling point at 86 C, applied at the temperature of liquefied air. His research on typhoid bacteria was published in the *Med. Klinik*, No. 16, 1906. He obtained by this means a product which displayed very little toxicity and was well tolerated by the animals injected with it. The serum of the animals acquired high agglutinating and bactericidal power. Similar experimental research on tetanus toxin by Wolff-Eisner resulted in the complete loss of the death-dealing properties of the toxin while it still retained unimpaired its contracting action. It thus proved possible to separate the fatal property of tetanus toxin from its property of inducing contractions. Animals treated with the toxin afterward became immunized to a certain extent, although certain signs indicated the development of an extra susceptibility on the part of some of the animals.

26. **Action of Roentgen Exposures on the Ovaries and Gravid Uterus.**—Lengfellner's experiments on guinea-pigs demonstrated that prolonged exposures killed the embryo in the uterus and even short exposures had a markedc injurious effect. He is inclined to believe that even a very brief exposure of certain important vital organs in the fetus would have a fatal effect, although it is still unknown which organ is most susceptible to the minimal dose, entailing in time the gradual general death of the fetus. The ovaries showed

destructive changes in all his guinea-pigs after Roentgen exposures, both the gravid and non-gravid. He also noted considerable irregularity in menstruation in a young woman whose pelvis was examined several times with the Roentgen rays. She had always been regular before, but after the exposures there was complete amenorrhea for a time and then the menses gradually returned, but were irregular and scanty.

27. **Early Diagnosis and Treatment of Typhoid.**—Meyerstein has found that the addition of bile to culture media promotes the proliferation of typhoid bacilli, and that the crystallized biliary salts, kept in glycerin, have the same effect. It is possible by this means to determine the presence of typhoid bacteria in the blood in the very incipiency of the disease, when it is practically a pure bacteriemia. He believes that intensive treatment with some drug which would pass readily into the blood and annihilate the bacteria at this stage might abort the disease. The hope seems rational that it may be possible to detect typhoid fever during the phase of incubation by systematic examination of the blood of persons in the environment of typhoid patients and exposed to the disease. The moment the bacteriemia is detected, vigorous administration of iodin, mercury or quinin, which pass readily into the blood, might possibly, he thinks, abort the disease. He adds that the destruction of the typhoid bacilli in the blood occurs simultaneously with the onset of the typical typhoid fever curve.

29. **Alcohol in Pneumonia.**—Fock of Hamburg sent a question blank to a large number of medical men in Germany, Austria, Switzerland, Denmark, Sweden and England, especially the professors of internal medicine and other internists, asking their experience in regard to the use of alcohol in pneumonia. The questions asked were: Whether or not alcohol was given in every case of pneumonia or only under special circumstances, the form in which it was given, whether or not it was given to hard drinkers, what effects were expected from it and what effects were realized and if the same effects could not be obtained by other means. The general conclusions from the large numbers of replies received are that there did not seem to be any difference in the final outcome whether patients had been treated with or without alcohol. About equal numbers recover with or without it. Some physicians had the subjective impression that convalescence was shorter when alcohol had not been given. Fock urges hospitals to collect statistics on a large scale by treating patients alternately with and without alcohol.

Gazzetta degli Ospedali, Milan.

Last indexed, page 1946.

33 (XXVII, No. 117.) Epitelioma primitivo della vulva. G. Serafini. Fifteen cases.
34 *Patogenesi della stenosi mitralica pura. A. Cipolletta.
35 Epidemic of Goiter.—Piccola epidemia di gozzo. G. Cantamessa. Six cases.
36 *Removal of Crusts in Ozena.—Techniche attuali per il distacco delle croste nell' Ozena ed esposizione di un nuovo metodo razionale. L. Fornari.
37 (No. 120.) Negative Verdict on Salomon's Test for Cancer of Stomach.—Sulla prova di Salomon nella diagnosi del carcinoma dello stomaco. R. Diez.
38 *Significance of Various Symptoms of Insufficiency of Liver.—Del valore dei diversi sintomi di insufficenza epatica. G. Funaioli.
39 Sense of Shape and Size in the Insane.—Il senso stereognostico negli alienati in rapporto coi disturbi della sensibilita generale. G. Fratini.
40 Scrofulosi. E. De Renzi. Clinical lecture.
41 (No. 123.) Pleuriti e peritoniti da bacillo di Pfeiffer. G. Ghedini.
42 Sulla genesi e sul significato dei rumori di soffio venoso continui (continuous venous murmurs). S. Livierato.
43 Fluctuations in Temperature and in Weight in Connection with Pathologic-Anatomic Changes in Experimental Tuberculosis.—Le oscillazioni di temp. e di peso, etc. G. Romanelli.
44 Morfologia del bacillo di Koch nelle diverse forme cliniche di tubercolosi polmonare. P. Tumminia.

34. **Pathogenesis of Pure Mitral Stenosis.**—Cipolletta's conclusions from his personal experience and that of other Italian physicians and review of the literature are that the mitral valve, in case of pure mitral stenosis, becomes affected owing to some inherited predisposition. This tendency is manifested in an arrest of development, commencing with the sixth month of intrauterine life, at which period the valve flaps separate. This defective development presents a point of lesser resistance to the toxic action of the blood in case of syphilis, tuberculosis and, in a few rare cases to the effects of consanguinity in the parents. Congenital defects of the left heart are more common than is generally believed. Treatment should aim to ward off or to cure the syphilis or tuberculosis or other causes liable to do special damage at this weaker point.

36. **Removal of Crusts in Ozena.**—Fornari uses a hot spray consisting of 8 gm. sodium carbonate; 4 gm. sodium chlorid; 4 gm. distilled cherry laurel water, and 400 gm. distilled water. The mouth is held partly open as the nose is sprayed, and the patient is instructed not to breathe during the spraying.

38. **Symptoms of Insufficiency of the Liver.**—Funaioli declares that to date no symptom of insufficient functioning of the liver is known which has actual pathognomonic value.

Riforma Medica, Naples.

Last indexed, page 1946.

45 (XXII, No. 46.) *Permeability of Kidneys in Liver Affections.—Permeabilita renale nelle affezioni epatiche. F. Ignazio.
46 Sulla presenza di uno speciale enzima nelle urine dei nefritici (in nephritis). A. Primavera.
47 (No. 47.) *Influence of Artificially Induced Hyperemia on Healing of Wounds of External Ear on Rabbits.—Influenza della stasi alla Bier nel processo di guarigione delle ferite della cartilagine auricolare. M. Donati and E. Delfino.
48 *Sulla pleurite appendicolare ad essudato siero-fibrinoso. S. Barba.
49 Osservazioni cliniche ed anatomo-patol. sopra 46 casi di stenosi intestinale da causa intrinseca. L. Fioravanti.

45. **Permeability of Kidneys in Liver Affections.**—Ignazio describes the results of tests on 6 patients with various liver affections, by injecting methylene blue subcutaneously, followed by similar tests with potassium iodid and with sodium salicylate. In health the methylene blue appears in the urine in about half an hour and reaches its maximum by the third or fourth hour, then gradually subsides and vanishes by the sixtieth or seventy-second hour. In parenchymatous nephritis the curve is about the same, only accelerated, the elimination reaching its maximum in one or two hours and vanishing by the forty-eighth hour. In interstitial nephritis there is an irregular, polycyclic elimination, ebbing and flowing, reaching a maximum and then subsiding to reach the maximum again several times. Ignazio found in his tests that the liver affections seemed to influence the elimination of the drug in the same way as interstitial nephritis. With all three drugs the same irregular, polycyclic elimination was observed, showing a special rhythm of kidney secretion in case of liver affections. This rhythm of elimination is so marked and so constant that he is inclined to consider the liver partly or entirely responsible for the irregular rhythm hitherto ascribed to defective kidney functioning. Substances injected subcutaneously are obliged to traverse the liver, and as Miahle has demonstrated with the heavy metals, they may be detained in that organ. The remittent elimination of methylene blue or other drug in these tests may confirm the diagnosis of a liver affection, as it seems to be a constant symptom and to indicate defective functioning on the part of the liver. The intermittences or remissions are earlier and more numerous the graver the liver affection.

47. **Artificially Induced Hyperemia in Treatment of Wounds in Rabbits' Ears.**—After making an incision about 1 cm. long in the skin and cartilage of both ears of a rabbit an elastic band was applied to the root of one ear, and the process of healing studied and compared on both ears. The results were almost invariably that the ear to which the constriction was applied healed in much less time than the other, and the ear seemed to be better nourished in every respect. The process of repair was exactly the same in both ears, but in the constricted ear these processes consumed much less time than in the other.

48. **Appendicitis and Pleurisy.**—Barba describes 2 cases of unmistakable appendicitis in which pleurisy developed three or four days after the onset. The pleural effusion was serofibrinous and apparently sterile. Both the appendicitis and the pleuritis subsided together, the tendency to spontaneous cure being early apparent.

GENERAL INDEX.

All reading matter in THE JOURNAL from July to December, inclusive, 1906, is indexed here. (For Current Medical Literature Index see pages 2205 to 2233.) All societies, congresses, etc., are grouped under the general subject of "Societies" at the end of the letter "S." Similarly, all "Deaths" and all "Book Notices" are indexed under those titles at the ends of the letters "D" and "B," respectively. Matter pertaining to the Association is under "Association News." With the above exceptions, all matter is indexed under the most important word of the heading that was used in THE JOURNAL, and also under the subject heading. For instance, sarcoma of femur will be found indexed under sarcoma as well as under femur. Such titles as "ocular manifestations, etc.," have also been indexed under "eye." Cross references have been made wherever this was possible. It is also well to remember that in looking up a certain subject, related words should be consulted, for example, nostrum, "patent-medicine," proprietaries, proprietary medicines. The letters used to explain in which department the matter indexed appeared are as follows: "E", editorial; "O", original article; "T", therapeutics; "P", pharmacology; "MI", medico-legal; and "ab" denotes an abstract of an article that has appeared in full elsewhere.

A

Abbe, R., radium in surgery, 128—O
Abdomen, cracked-pot sound in, 1141—ab
gunshot wounds of, 1417—ab
penetrating wounds of, 460—ab
surgical treatment of lesions of upper, 1765—ab
to facilitate palpation of, 544—ab
Abdominal atony of rickets, its significance and treatment, 1509—ab
contusions, 2127—ab
drainage, principles and mechanics of, 1868—ab
fissure and double genitalia, 1212
fissure, case of, 722—ab
operations, normal saline solution in, 2026—ab
operations, pulmonary complications following, 539—ab
pain, acute, 1859—ab
section, 48 cases of delivery by, 2121—ab
section for trauma of uterus, 1127—ab
sections, series of fifty consecutive, 723—ab
wall, actinomycosis of, 542—ab
Abortion, case of, in myomatous uterus, 1858—ab
course and distribution of infection with septic, 1536—ab
criminal, feticide; prevention of conception, 17
education as factor in prevention of criminal, and illegitimacy, 1809—O
epinephrin, 311—ab
indications for artificial, 1142—ab
Abscess from spinal caries, 293
marked albuminuria from prostatic, 809—O
middle ear suppuration as a cause of retropharyngeal, 229—ab
of brain, 1084—ab
of liver, diagnosis of, 216—ab
of liver, tropical, 156—ab
of liver, two cases of amebic, 155—ab
of lung, 926—ab, 1221—ab
of temporosphenoidal lobe, 1417—ab
probable rupture of liver, into bronchus, 1087—ab
splenic, following malaria, 1047—ab
treatment of tuberculous, 1268—ab
two cases of hepatic, treated by transpleural operation, 1419—ab
Abscesses, differential diagnosis of metastatic and otitic, 1091—ab
Absorption, studies in, 1076—ab
Abt, I. A., acute non-suppurative encephalitis in children, 1134—O
Accident, remarkable, in hospital ward, 1060
Accidents, industrial, 804
Accommodation after middle life, 1222—ab
Accouchement forcé, induction of premature labor and, in first 5,000 labors in obstetrical department of Johns Hopkins University, 1229—ab
Acetanilid, case of poisoning from absorption, 379—O
phenacetin (acetphenetidin) vs., 1923—E
poisoning by headache tablets, 2012—O
poisoning from bromo-seltzer, 2158—O
solubility of, in sodium bicarbonate solutions, 1956—O
Acetone bodies, action of alcohol on elimination of, 336—ab
ring test for, 1773—ab
Acetonuria after anesthesia, 1468
Acetonuric, 858—P
inhalant, 858—P
in typhoid, 1651—O
Aceto-theocin-sodium, 898—P
Acetylene gas in treatment of rebellious gonorrhea, 2114
Achylia gastrica, 158—ab, 1149—ab, 1755—ab
Acid, acute carbolic, poisoning: recovery, 426—O
installation of pure carbolic, into eye, 27—O
hydrocyanic, intoxication, 1965—ab
possible danger in therapeutic use of, 1965—ab
Acne papulosa, 202—ab
Acranius, interesting case of, 2092—O
Acroparesthesia, 804—ab
Actinomycosis, abdominal, 542—ab, 978—ab
and pregnancy, 2042—ab
case of, 543—ab, 1857—ab
of cheek cured by iodid of potassium, 1959—ab
Adams-Stokes disease, 73—ab, 202—ab
disease, pathology of, 1944—ab
Addison's disease, blood pressure and pigmentation in, 722—ab
Address, chairman's, before Section on Nervous and Mental Diseases, at annual session of A. M. A., Boston, June 5-8, '06, 1227—O
chairman's, before Section on Pathology and Physiology, at annual session of A. M. A., Boston, June 5-8, '06, 849—O
chairman's, in Section on Diseases of Children, at annual session of A. M. A., Boston, 1906, 207—O
in surgery, 1221—ab
introductory, by president, St. Louis Medical Society, 1042—ab
presidents Medical Society State of Pennsylvania, 1042—ab
presidents British Medical Association, 795—ab
presidents British Medical Association, section on ophthalmology, 1221—ab
Adenitis, x-ray in tubercular, 889—ab
Adenoid operations, observations in 1,000, 1415—ab
Adipose tissue, freezing of subcutaneous, 813—ab
Adler, Jr., L. H., medical specialism, with especial reference to proctology, 1383—O
Adrophrin emollient, 858—O
oil spray, 857—P
solution, 857—P
Adolescence, insanity of, 1958—ab
Adrenal gland, primary sarcoma of, 808—ab
preparations, dangers in use of, 1655—O
Adrenalin, 857—P
acute glaucoma following instillation of several drops of, in cataractous eye, 460—ab
chlorid solution, 857—P
production of vascular lesions in rabbit by single injections of, 1554—ab
suppositories, 857—P
treatment of sarcoma of mesopharynx by injections of, 430—O
Advertisements, newspaper, 1679—ab
Advertisers and the gullible, 708
Advertising, medical, in a Rhine province, 608
Michigan checks disreputable, 511—E
Advertising, validity of law authorizing revocation of certificates for, relative to venereal diseases, 1613—MI
press and quack, in Germany, 137
Aerophagia, 205—P
Africa, diseases and hospitals of east coast of, 141—O, 225—O, 291—O, 551—O, 611—O, 1008—O, 1217—O
diseases and hospitals of Portuguese East, 760—O
After-care problems, 1823—E
Age of consent, advances, 2119—MI
Agglutination in pulmonary tuberculosis, 1650—ab
test, improved, 1236—ab
Agglutinins, specificity of, 1330
Agoraphobia, 1499—ab
Agurin, 857—P
Ainhum, case of, 1499—ab, 2092—O
Air, dangers of working in compressed, 484—ab
dilatation in treatment of chronic constipation, 454—ab, 629—ab
passages and ear, treatment of tuberculosis of upper, 200—ab
rest in open, for gallstone patients, 643—ab
superheated, in treatment of emphysema and bronchitis, 1850—ab
superheated, plus calomel and iodin in treatment of tuberculosis of mucous, 974—ab
tract, functional derangement of ears and upper, in insane, 806—ab
Airol, 857—P
Alabama medical news, 42, 279, 430, 782, 1105, 1494
Albumin and albumose, prostatic, 1767—ab
practical significance of trace of, in urine, 206—ab
sensitive test for, in urine, 816—ab, 1041
presence of, in bile, 228—ab
Albuminuria, diet in, 1621—O
marked, from prostatic abscess, 809—O
recognition of albumin bodies in urine, 294—ab
to differentiate harmless from serious, 1372
Albumosuria and albumin metabolism, 1749—ab
Alcohol, action of, on elimination of acetone bodies, 336—ab
as internal germicide, 698—E
as therapeutic agent, 2174—ab
diminishing use of, in hospitals, 948
disinfection with, 1333—ab
further observations on influence of, in pneumonia, 2176—ab
metabolism of hepatic glycogen, 1467—O
question, 1101—E, 1289—ab
treatment of neuralgia and spasmodic tic with deep injections of, 209—E
unusual case of methyl poisoning, 276—ab
use and abuse of, 2125—ab
Alcoholism, 214—ab, 1139
elimination of uric acid in gout and, 2127—ab
increase of, among women, 1206
satellites of, 1229—ab
Algesimeter, new apparatus, (1) sample protective sheet for mastoid surgery, and (2) practical, 1632—O
Alimentation, rectal, 1950—ab
Alkalies, effect of, and other drugs on efficiency of pepsin, 607
Alkaloid, what is an, 1403
Alkaptonuria, cystinuria and, 2176—ab
Allen, R. A., case of general argyria, 1929—O
Allport, F., history of mastoid operation, 92—O
Alopecia, 435—T
areata, transmission of, 1772—ab
high-frequency spark in treatment of premature, 459—ab
Alpha-eucain hydrochlorid, 857—P
Alphonsine, 858—P
Alumnol, 858—P
Alvarenga prize of Berlin Hufeland Society, 518
Amblaline, 1025—O
Amblyopia, types of congenital symbol, 1613—O
wood-alcohol, 1222—ab
Amebiasis, comparative treatment of intestinal, 458—ab
Amenorrhea and brain tumor, 2162—ab
and dysmenorrhea, stem pessary for, 2133—O
American Institute of Homeopathy, 633
Medical Association. See Association News.
Medical Association, attacks on, 695, 950, 1116
Medical Association, date of next session of, 526
Medical Association, district branches of, 630
Medical Association, finances of, 217
Medical Association, its friends and its enemies, 778—E
Medical Association, standards of medical education adopted by, July, 1905, 627
medical directory, 217, 1024—E, 1196—E
Amino acids and metabolism, 1769—ab
Aminoform, 858—P
Amputation, successful, of leg at 94 years, with account of new operation, 75—ab
Amyl nitrite inhalations, action of on blood-pressure, 1390—ab
Anabolic organisms, simple method of plating, 1896—ab
Anastomosis, button for intestinal, 1141—ab
new open method for lateral, 880—ab
of blood vessels by patching method and transplantation of kidney, 1648—O
successful end-to-end, after partial thrombo-excitement in runaway accident, 1959—O
Anatomic appearances in living, 1844
Anatomy, teaching of, in universities and public schools, 1047—ab
Anders, J. M., angina pectoris, true and false, 1432—O
Anders, J. M., tetanus neonatorum, 2062—O
Anderson, J. F., hypersusceptibility, 1607—O
Andrews, F. T., hernia of ovary and tube, 1707—O
Ane, 1206
Anemia, experimental, in rabbit, 1855—ab
insufficiency of tricuspid valve in pernicious, 1415—ab
in tuberculosis, 202—ab
leukemia and cancer, relations between pernicious, 1562—ab
parallelism between condition of blood and that of bone marrow in pernicious, 201—ab
Benzoïgen cure plus diphtheria antitoxin in pernicious, 293

Anemia, serious from micrococcus tetragenus albus, 1320—ab
severe, without degeneration or atrophy of bone-marrow, 405—ab
so-called school, 1773—ab
splenic, 302—ab
treatment of, in ankylostomiasis, 546—ab
unusual forms of, in childhood, 811—ab
Anesthesia, 1678—ab
acetonuria after, 1408
Bier's technic for spinal, 2115
combination of scopolamin-morphin and spinal, in 130 gynecologic operations, 1862—ab
consideration and treatment of accidents of surgical, with reference to prevalent drug treatment, 151—ab
electrical orientation in spinal, 387—ab
ether-air, or drop method for administration of ether, 1653—O
ethyl-chlorid, 2038—ab
limited area of, epileptiform attacks of hemiplegia, and early muscular atrophy in brain tumor, 1708—ab
permanent paralysis after spinal, 727—ab
scopolamin-morphin, 302—ab
scopolamin-morphin, in labor, 77—ab, 1774—ab
spinal, 813—ab
spinal in gynecology and obstetrics, 1902—ab, 1903—ab
spinal, preceded by morphin-scopolamin, 243—ab
technic of local, in rectal surgery, 454—ab
to avoid mishaps in spinal, 1235—ab
Anesthesin, 858—P
Anesthetic, choice of, 51.
death of minor from, administered for operation without father's consent, 1653—MI
ethyl-chlorid as general, in minor operations, 502—O
local, in operations on chest and abdomen, 1346—ab
new method of administering through a tracheotomy tube, 1231—ab
sequences, notes on some, 1697—ab
Anesthetics, a plea for scientific administration of, 1581—O
technic of tubation of pharynx to facilitate administration of, and to prevent inhalation of blood in mouth and face operations, 539—ab
Aneurism, arteriovenous, of neck caused by gunshot wounds, 2125—ab
case of, operated on by Matas method, 262—O
early diagnosis of syphilitic of aorta, 2129—ab
fluoroscope in diagnosis of, 687—O
of arch of aorta producing bronchoesophageal fistula, 1694—ab
of subclavian artery, 900—ab
operation, recovery, 1619—O
radical cure of, 900—O
substitution of vein for artery in, 1721
successful treatment of thoracic, threatening to rupture externally, 1331—ab
Aneurismal varix, 957—ab
Aneurisms, gelatin injections for, 464—ab
intramuscular suture of, 1017—O
Angina pectoris, 1223—Y, 1432—O, 1511—ab
spasmodic vasomotor contraction with, 1602—ab
Anguish, no damages for, from mutilation of dead, property rights in bodies and skeletons, 1326—MI
Ankle joint, method of drainage of, 1634—ab
Ankylostomiasis, treatment of anemia in, 546—ab
Annunciator, electrical, for use in metabolism experiments, 238—ab
Anthracosis and primary tuberculosis of lungs and bronchial glands, 1619—ab
intestinal origin of, 1602—ab, 1859—ab
Anthrax, investigation at Bradford, 2101
Antialcohol movement among students and practitioners, 1841
Anticholera serum, 971—ab
Anticrotalus and antimycosis sera, therapeutic experiments with, 1905—ab
Antidiphtheritic serum, prophylatic use of, 1231—ab
Antidysentery serum, great efficacy of, 972—ab
Antimalarial campaign in Federated Malay States, 948
Antinostrum war is right, 879
Antipneumococcic sera, dynamic effects of in pneumonia, 2122—ab
Antipyrin salicylate, 858—P
Antiquackery campaign, 1022
society, national, 1584—ab
Antiseptic, is sulphate of soda a true intestinal? 1561—ab
Antithermoline, 870—P
Antithyreoidin, therapeutic value of, in treatment of exophthalmic goiter and kindred affections, 153—ab
Antithyroid preparations, 859—P
Antithyroidin, 859—P
Antitoxic sera, internal administration of, 1109, 1708—ab
Antitoxin administration in diphtheria by intravenous method, 1252—ab
intestinal absorption of, 1083—ab
rash, unusual case of, 806—ab
results of use of refined, Gibson's globulin preparation in treatment of diphtheria, 1954—ab
Antivaccinationists, mischief wrought by, 1315
Antrum plug, combined, and artificial denture, 1259—ab
should, be opened in mastoid operation? 939—ab
Anus, treatment of congenital absence of, 797
Aortas, results of complete and incomplete occlusion of abdominal and thoracic, by metal bands, 2147—O
Aortic insufficiency, dicrotic pulse with, 1775—ab
Apericasta, effects of, on peristalsis of stomach and intestines, 1619—O
Aphasia, Marie's new views of motor, 813—ab
new ideas concerning, 436—E
revision of question of, 1772—ab
sensory, 642—ab
transcortical motor, 1776—ab
Aphonia, attacks of hysterical, in patient subject to typical epileptic seizures, 112—O
Apoplexy, its diagnosis and treatment, 1451—ab
of liver in syphilis, 1771—ab
Apparatus, new; (1) an aseptic protective sheet for mastoid surgery, and (2) practical algesimeter, 1623—O
Appendectomy, hemorrhage from stump following, 2009—O
through operative wound for radical cure of right inguinal hernia, 1738—O
Appendicectomy an hour after parturition, 392—ab
trend of times in, 1323—ab
Appendicitis, 812—ab, 1227—ab, 1857—ab
and abscess formation, 462—ab
and gallstones, relation between, 1458—O
and gangrene of appendix considered as separate diseases, 641—ab
and pleurisy, 2178—ab
as cause of tetany, 235—ab
atypical clinical features of, 71—ab, 151—ab
boric acid relative to, 1339—ab
bradycardia in, 1405—ab, 2011—O
chronic, and early diagnosis and treatment of acute appendicitis in children, 75—ab
collective research on, in Europe, 694
discussion of operations for non-exitant, 484—ab
healing of suppurative, with calcification, 1856—ab
in infants, 2126—ab
in, on increase? 2014—E
peculiar case of, 897—ab, 2020—ab
perforative, caused by foreign body, 1513—ab
plea for complete operations in pus cases, 1765—ab
points commonly contested in diagnosis and treatment of, 1224—ab
treatment of, 458—ab
unnecessary operations for, 76—ab
value of leucocyte count in cases of, 1138—ab
Appendicostomy, 496—O
and cecostomy for relief of chronic diarrhea, 454—ab, 967—ab
Appendix, appendicitis and gangrene of, considered as separate diseases, 641—ab
case of tying wire perforating, 2026—ab
hernia of, probably infantile, and perforated by pin while in scrotum, 195—ab
Appendix, instrument for invaginating tip of, 37—O
polypi of, 359—O
preponderance, due to obstruction by fecal concretion, 435—O
strangulation of, in hernial sac, 1366—ab
Appetite, significance of morbid, with eructus and ulcers of stomach, 157—ab
Aquamiel, 1629—O
Areas, observations on functions of association, (cerebrum) in monkeys, 1684—O
Arch, supports for, 887—ab
Archambault, J. L., tuberculosis of adenomyoma of uterus, 708—O
Argentamin, 859—P
Argonin, 859—P
Argyria, general, 1289—O
Argyrol, 859—P
Aristochin, 859—P
Aristol, 859—P
Arizona July report, 1411
medical news, 514
October report, 1951
Arkansas board, changes in, 1548
July report, 1948
medical news, 62, 210, 279, 514, 802, 783, 1494, 1576, 1639
Army and navy medical service, appointments in 291
sanitary conditions in Japanese, 794—ab
Arrow poisons, recently discovered African, 1249
Arsenic, leukemia treated successfully with, 1120
phosphorus and antimony, test for, 815—ab
use of, in pneumonia, 2038—ab
Art, fluid for, in medicine, 1245
Arterial hypertension, renal origin of permanent, 794—ab
tension, constitutional low in children, 1734—O
tension, veratrum viride in case of increased, 815—ab
Arteries, experimental study of suture of, with description of new suture, 1329—ab
sclerosis of coronary, 1504—ab
Arteriosclerosis, 1677—ab
and iodin, experimental, 708
clinical manifestations of abdominal, 545—ab
experimental, 1208—E
forms of, 1402—ab
gastrointestinal disturbances due to, 814—ab
in surgery, 942—ab
tobacco and, 1197—E
Arteriovenous anastomosis, 1688—ab
Artery, extraperitoneal ligature of external iliac, for aneurism, 621—ab
ligature of innominate, 644—ab
rupture of coronary, 2026—ab
treatment of aneurism of subclavian, 900—ab
Arthritis deformans of hip, treatment of, 687—ab
primary pneumococcal, 239—ab
two cases of gonorrheal, treated by Bier hyperemia, 1397—ab
Asbestos as surgical dressing, 73—ab
Ascenia, case of traumatic, 2121—ab
Ascites, 1929—ab
surgical treatment of, secondary to vascular cirrhosis of liver, 1960—ab
Asparagus, dangers of, 527
Aspergillosis, primary, of lungs, 815—ab
Asphyxia-neonatorum, its causes and treatment, 1698—ab
use of oxygen in, 1705—ab
Aspirin, 938—P
lactophenin and, 882
Assez' serum in treatment of tuberculosis, 284
Associate in medicine, designation of one's, 2078
Association, German, to promote material interests, 218
International Medical, of Mexico, 1576
of American Medical Colleges, regulations of, 627
Asterognosis, unusual case of trauma of head exhibiting symptoms of, 1049—ab
Asthma, bronchial, 976—ab, 2023—T
Curschmann's spirals in bronchial, 157—ab
hay fever and persistent bronchial, relieved by treatment of antrum of Highmore, 988—ab
pathogenesis of, 815—ab
treatment of, 1865—O
treatment of bronchial, 1234—ab
Asthmatic paroxysm, inhibition of, 2122—ab
Ataxia, treatment of tabetic, by methodical exercises, 1688—ab
Athletes, mortality among, 1213
Atonia gastrica in relation to cholelithiasis, 1225—ab
Atresia, diagnosis of congenital, of small intestines, 643—ab
vagina, symptoms and treatment of, 1220—ab
Atrophy, contractures and muscular, 1682—ab
total, of stomach, 583—O
treatment of progressive, of optic nerve due to acquired syphilis, 825—O
Atropin and strychnin combined, specific for seasickness, 217, 445
chronic, poisoning, 629—ab
Aural disease, headaches due to, 1323—O
Australia, pure milk in, 2169
saves lives, 1351
Autodisinfection, puerperal, from bacteriologic standpoint, 1316—ab
Autointoxication from stenosis of pylorus, 667—ab
interstitial gingivitis due to, 261—O
Automobile in winter, 1440
number, another, 1319
possibilities of, 1357
requests information about Dayton, 1262
Autosarcosis for wounded and others in severe pain, 702
Autoprognosis, 546—ab
Auxiliary committee, state society, 1092—E
Awakening, 1497
Axis-traction apparatus, new, 1055—ab

ASSOCIATION NEWS.

Acknowledgment from Professor Trendelenburg, 2030
American Medical Association, date of next session of, 268
Bryant, acceptance of president-elect, 52
Minutes, correction of official, 52
Minutes, official, of sections, 52
Minutes of Section on Diseases of Children, 232
New members, 130, 450, 706, 1210, 1580, 1939
Senn Medal Essay Contest, 1089

B

Bacillus pestis, action of serum of various mammals on, 226—ab
pyrogenes, associated with febrile disease, 1854—ab
typhosus, action of cold or lukewarm tea on, 1599—ab
Bacteria, action of sunlight on, with reference to bacillus of tuberculosis, 2110—ab
in scarlatinal and normal throats, 1171—O
pathogenic, of conjunctiva, 320—O
pathogenic of eyeball, 294—O
Bacterial colonies, cause of green coloration of, in blood agar plates, 1227—ab
diseases, treatment of, by serum therapy, 1505—ab
vaccines, series of cases treated by injection of, 1779—ab
Bacteriologic county, 1386—E, 1753
Bacteriolysins, injections of specific tuberculous, directly into lungs, 546—ab
Baldwin, W. H., influence of tuberculosis sanatorium on value of surrounding property, 2034—O
Ballenger, E. G., marked albuminuria from prostatic abscess, 936—O
Balneotherapy, experimental research on, 642—ab
in gynecologic affections, 643—ab
Bannan, T., hematoma of new-born, 274—O
Banti's disease, blood in, before and after splenectomy, 1149—O
(splenomegalia and cirrhosis of liver), 804—ab
Barberio's reaction for spermatic fluid, 1650—ab
Barium chlorid, digitalis and, 71—ab
Bartlett, W., four years' experience with original Hilgrove intended to prevent and cure abdominal hernia, 784—O
Bass, C. C., uncinariasis in Mississippi, 1267—O
Baths, hot, in treatment of superficial inflammations, 314—ab
new radioactive, 971
should cold, be given for fever in young children? 429—ab
Beans, poisoning from canned, 157—ab
Bed lift, a, 1089—O
red, 240—ab
Bedbug, present status of, in transmission of human diseases, 85—O

Beebe, S. P., serum having therapeutic value in treatment of exophthalmic goiter, 681—O
Behring's Tulase, 1111
Benedict, A. L., quantitative estimation of diet in private practice, 1636—O
Benmosche, M., method of cleansing blood pipettes, 1739—O
Bennett, P. C., dangers in use of adrenal preparations, 1855—O
Benzidin dyes, treatment of trypanosomiasis by, 972—ab
Benzoni, 959—O
Berger, D. H., studies on phagocytosis, 889—O
Berberi and uncinaria, 1317
studies in, 1035—ab
Berlin, preventive lectures at, 45
Bernz, A. D., diagnosis and treatment of tuberculosis of kidney, 1075—O
Beta-eucain hydrochlorid, 959—P
Beta-naphthol benzoate, 959—P
Betol, 959—P
Bier treatment of infections and septic wounds of extremities, 1512—ab
Bier's congestive hyperemia, study of, from standpoint of endotoxin theory, 726—ab
passive congestion, 1143—ab
technic for spinal anesthesia, 2112
Bierring, W. L., study of blood in Banti's disease before and after splenectomy, 1140—O
Bile ducts, 959—P
duct, obstruction of common, 1134—ab, 1438—O
duct, operations on lower part of common, 1040—ab
fistula, plastic anastomosis between biliary passages and gastrointestinal tract to cure, 2045—ab
passages, diseases of, including liver, gallbladder and pancreas, 1225—ab
pathology of, 765—O
Biliary affections, small frequent meals in treatment of certain, 1125—ab
apparatus, group of cases illustrating surgery of, 1235—ab
tract, non-lithogenous obstruction of, 1945—ab
passages, diseases of, 67—ab
tract, indications for surgical intervention in infections of, 402—O
tract, infections of, with reference to latent (or masked) and typhoid infections, 1436—ab
Billings, F., etiology and diagnosis of gastric and duodenal ulcer, 940—O
Binnie, J. F., development of urachus, 169—O
Birth-rate, declining, 700, 1028
effect of plague and malaria on, in India, 1028
Births after vaginal Cesarean section and vaginofixation, 1239—ab
Bishop, L. F., constitutional low arterial tension in children, 1724—O
Bishop, L. F., health inspection as applied to individuals, 651—O
Bissel, 959—P
Blackhat, will, authors of write-ups, 1676
Blackwater fever, case of quinin hemoglobinuria or, 1959—ab
fever, treatment of, 294—ab
Bladder and urethra, surgical treatment of, 1462—ab
cancer in, in bilharzia affections, 315—ab
carcinoma of, 899—ab
inguinal hernia of, 301—O, 1284—ab
perforation in curetting, 488—ab
plastic operation on, 502—ab
preventive, artificial filling of, during gynecologic operations, 75—ab
satisfactory vesical evacuator, 987—ab
simplest, easiest and best method of irrigating, 112—O
successful removal from male, of last filiform bougie by endovesical manipulations, 1180—O
traumatic ruptures of, 256—ab, 972—ab
treatment of tuberculosis of kidney and, by nephrectomy, 1047—O
tuberculosis of and its cure, 263—ab
tumors of, results of surgical treatment of, 79—ab
vesical sphincter and mechanism of closure of, 811—ab
wound, treatment of, after high incision, 1031—ab
Blake, C. J., etiology in its relation to rhinology and laryngology, 1800—O
Blastomycosis, results of culture and inoculation experiments, 1057—ab
generalized, 247—O, 1227—ab
Blepharitis, 1338—ab
Blind, commission to investigate adult, 1856—MI
Blindness, to prevent, of infants, 1045—ab
Blood and lymphocytosis in cerebrospinal fluid, 1062—ab
and seminal stains, improved methods for recognition of, 1959—ab
and tissues, methylene-blue-eosin stain for, 1226—ab
another test for detection of occult, 1212
changes in dementia præcox, 420
clot, occurrence and significance of extradural, in burned bodies, 276—E
coagulability of, in yellow fever, 1854—ab
corpuscles, action of photodynamic substances on, 1236—ab
corpuscles, new counting chamber for enumeration of, 1737—O
deviation of complement by serum plus anticorum as test for, 1822—E
direct transfusion of, in treatment of hemorrhage, 1462—O
diseases, 1062—ab
diseases, Roentgen ray in, 899—ab
dosage of chloroform in, and tissues, 1855—ab
examination of fresh, in general practice, 294—ab
experimental increase in concentration of, 1854—ab
filaria, new, of man, filaria Philippinensis, 1416—ab
in gastric cancer, 1212
injurious influence of night work on composition of, 710
mercury, etc., in relation to tests for occult, 816—ab
new clinical method of determining, in urine, 1
observations on action of strontium salts on coagulability of, 899—ab
parallelism between the condition of, and that of bone marrow in pernicious anemia, 901—ab
pipettes, method of cleansing, 1739—O, 1955
plates, method for differential staining of, 1209—ab
pressure, action of amylnitrite inhalations on, 1599—ab
pressure and pigmentation in Addison's disease, 752—ab
pressure, arterial, in heart disease, 1419—ab
pressure, experiments on venous, and its relations to arterial pressure in man, 1279—O
pressure in heart and kidney disease, 2138—ab
pressure in paresis, 1241—O
pressure, measurement of, 756—ab
pressure, relation to surgery, 143—ab
serum, coagulating power of, in epileptics, 2043—ab
serum, concentration of, after taking much water, 1862—ab
study of, in Banti's disease before and after splenectomy, 1140—O
tests, biologic, 973—ab
value of, examinations in surgical diagnosis, 1209—ab
vessels, anastomosis of, by patching method and transplantation of kidney, 1042—O
vessels and organs, transplantation of, 1042—ab
Bloodgood, J. C., importance of early recognition and operative treatment of malignant tumors, 1479—O
Board of Health, liability of, members from smallpox hospital, 926—MI
of Health, neither county nor members of, liable for quarantine through mistake or for loss of crops, 1224—MI
Boards of Health, medical organization and appointments on, 2171
Boards, rights of state, to revoke licenses, 1133—MI
Boas' retirement, 1576
Bodies and skeletons, no damages for anguish from mutilation of dead, property rights in, 1726—MI
foreign, in digestive tract, 514—ab
Body exhumed as result of unfounded attack on physician, 1260
foreign, in crystalline lens extracted by electric magnet, 256—ab
weight, method of recording changes in, which occur within short intervals of time, 1760—O
Bone cavities, treatment of, 245—O
etiologic factors in, tuberculosis in children, 2130—ab
implantation of muscle to repair defect in long, 516—ab
marrow, diagnostic of tumor in, from blood findings, 1518—ab
marrow, severe anemia without degeneration or atrophy of, 605—ab
pins, treatment of unsuited and compound fractures with, 1507—ab
tuberculosis, clinical significance of so-called acute stages of, 1221—ab
Bones, neurotic atrophy of, 1775—ab
Bonney, R. G., chronic non-tubercular affections of lung, 359—O
Books, non-mailable, 223—MI
received, 80, 244, 316, 468, 548, 644, 788, 804, 976, 1044, 1144, 1320, 1464, 1600, 1692, 1692, 1776, 1864, 2046, 2120
Boric acid in food, 899
in ointment sterile? 770
relative to appendicitis, 1223—ab
Borochloretone, 959—P
Boston, L. N., benign cystic epithelioma, 1147—O
Boston session, Professor von Rotter's impressions of, 1840
Bottini memorial, 889
Bowditch, V. Y., scope and aim of state sanatoria for tuberculosis, 1217—O
Bowel, management of, of doubtful vitality in operations for relief of strangulated hernia and intestinal obstruction, 1219—ab
Bow legs, cause of straddling gait in, 951—ab
Boyd, G. M., pregnancy and labor complicated by anterior fixation of uterus, 1539—O
Bradley, E. B., opsonic index in medicine, 1722—O, 1768—O
Brady cardia in appendicitis, 1438—ab, 2013—O
Brain, abscess of, 1604—ab
central office for research on, 1021
diagnosis and localization of tumors of frontal regions of, 1850—ab
differential diagnosis of metastatic and other tumors of, 1224—ab
faradization of motor cortex in human, 1972—O
lesion of, from impact of umbrella tip, 1209—ab
negro, 1868—E
palliative operations in treatment of tumors of, 679—O
rare case of, tumor, 1223—ab
surgery of frontal lobes of, 1894—ab
surgery of, present status of, 998—O
symptoms of affections of frontal lobe, 1143—ab
tumor and aneurysm, 2102—E
tumor of, 101—O, 638—ab, 1782—E
two cases illustrating value of ophthalmoscope as aid in diagnosis of lesions of, 1229—ab
weighing 2,029 grams (72 ounces), 27—O
Breast, amputation of, 898—ab
new classification of benign tumors of, 1858—ab
new method of incision for removal of, 305—ab
plastic operation after removal of, 305—ab
sarcoma of male, 907—ab
ultimate results in carcinoma of, with x-ray, 898—ab
Breath, cause of bad, 292
Breathing, deep, as therapeutic and preventive measure in diseases of lungs, 967—ab
stereonoetoid, 898—ab
Breteacher, L., treatment of emaciation, 838—O
Brem, W. V., malarial hemoglobinuria, 1896—O, 1992—O
Brewer's grains as food for cattle, 1211
Bridge, N., gallstones and gall-bladder disease from standpoint of physician, 935—O
Bridge, N., some truths about sleep, 632—O
Bridges, W. O., medical fees in country practice, 1035—O
British medical association, central emergency fund of, 1112
medical association, section on state medicine, 885—ab
medical journal, educational number, 1958—ab
pharmaceutical conference, 899
Brometone, 959—P
Bromipin, 1959—P
Br 1-3 per cent., 1959—P
Bromism, 1921—O
Bromo-seltzer, death from, 2158—O
Impotence caused by excessive consumption of, 538—O
Bronchial glands, primary tuberculosis and anthracosis of lungs and, 1091—ab
Bronchi, foreign bodies in, 1853—O, 1959—O
Bronchitis, acute and chronic, 1959—T
case of, remarks on cough and perforated zinc inhaler, 2119—ab
superheated air in treatment of emphysema and, 1959—ab
Brower, D. R., treatment of acute insanity in a general hospital, 83—O
Brown, E. Y. L., so-called leucocytosis of iris, 418—O
Brown, L., case of aneurism operated on by Matas method, 982—O
Brown, O. H., polycythemia, 1285—O
Brutality for humanitarian purposes, 1288
Bulkley, L. D., cure of psoriasis with study of 500 cases of disease, observed in private practice, 1620—O
Bull, C. S., treatment of progressive atrophy of optic nerve due to acquired syphilis, 825—O
Bullard, W. N., affections of spinal origin in epileptics, 1717—O
Bullock, W. O., Jr., intramuscular suture of aneurisms, 1017—O
Bullous disease, evidence of existence of an autotoxic factor in production of, 1514—ab
Burkard, A. P., diphtheria antitoxin in treatment of exophthalmic goiter, 1488—O
Burke, M. O., case of total atrophy of stomach, 983—O
Burns, 535—T, 1679—T
and skin grafting, treatment of, 239—ab
continuous water baths for, 797, 1049
treatment of, 236—ab, 529
Burr, A. H., guarantee of safety in marriage contract, 1587—O
Business before health, 2017—E
problem of general practitioner, 1417—ab
Butler, W. J., etiology of cerebral palsies in children, 2139—O
Butter coloring, dermatitis from, 2012—O
Butyl-chloral hydrate, 1959—P

BOOK NOTICES.

Antonini, G., Principi Fondamentali Della Antropologia, 698
Bailey, E. H. S., A Text-book of Sanitary and Applied Chemistry, 1409
Bain, W., Physiology and Therapeutics of the Harrogate Waters, Baths and Climate, 1152
Bainbridge, W. S., A Compend of Operative Gynecology, 698
Becker, T. C., Medical Jurisprudence, Forensic Medicine and Toxicology, 1040
Bell, J., Notes on Surgery for Nurses, 1506
Bigg, H., An Essay on the General Principles of the Treatment of Spinal Curvatures, 277
Binnie, J. F., Manual on Operative Surgery, 1576
Blake, J., Operative Otology, 63
Bovée, J. W., Practice of Gynecology, 225
Box, C. R., Clinical Applied Anatomy or Anatomy of Medicine and Surgery, 294
Brown, S. H., Eczema, 704
Brubaker, A. P., Text-book of Human Physiology, 704
Bryant, J. D., Operative Surgery, 992
Buckmaster, G. A., Morphology of Normal and Pathologic Blood, 1213
Bulkley, L. D., Influence of the Menstrual Function on Certain Diseases of the Skin, 1208
Cabot, F., Technique du Traitement des Tumeurs Blanches, 1468
Cabot, R. C., Case Teaching in Medicine, 92
Caldwell, E. H., Military Hygiene, 704
Carbohydrate Metabolism, 294
Case Teaching in Medicine, 92
Cause and Prevention of Dental Caries, 277
Clinical Applied Anatomy or Anatomy of Medicine and Surgery, 294
Clinical Bacteriology and Hematology for Practitioners, 1152
Clinical Therapeutics, 2105
Collected Studies on Immunity, 294
Compend of Operative Gynecology, 698
Comelli, A., Frontiere DI Psoriasis, 599
Consumption, 993
Cotton, A. C., Medical Diseases of Infancy and Childhood, 130
Crofton, A. C., Clinical Therapeutics, 2105
Diet and Dietetics, 1561

Diet in Health and Disease, 2104
Diseases of the Nose and its Accessory Sinuses, 139
DuBois, P., Influence of the Mind on the Body, 1408
Eccles, W. McA., Clinical Applied Anatomy, or Anatomy of Medicine and Surgery, 224
Eczema, 794
Edgecombe, W., Physiology and Therapeutics of the Harrogate Waters, Baths and Climate, 1122
Ehrlich, P., Collected Studies on Immunity, 224
Elements of General Chemistry, 1214
Emery, W. D., Clinical Bacteriology and Hematology for Practitioners, 1123
Essay on the General Principles of the treatment of Spinal Curvatures, 377
Extra Pharmacopeia of Martindale and Westcott, 1501
Eye and Nervous System, 525
Examination of the Function of the Intestines, 226
Final Report of Clinic for Treatment of Communicable Pulmonary Diseases, 1936
Fischer, L., Health-Care of the Baby, 1501
Friedenwald, J., Diet in Health and Disease, 2104
Fowler, R. S., Operating Room and the Patient, 224
Gautier, A., Diet and Dietetics, 1501
Greenish, H. G., Medical and Pharmaceutical Latin, 526
Handbook of Climatic Treatment, 525
Hare, H. A., Progressive Medicine, 2039
Head, G. P., Practical Medicine Series, 525
Health-Care of the Baby, 1501
Health Manual of Surgery and Bandaging, 378
Henry, J. N., Nurse's Hand-Book of Medicine, 880
Hewlett, R. T., Pathology, General and Sepsis
Huber, J. B., Consumption, 223
How to Suppress a Malpractice Suit, 1408
Huggard, W. R., Hand-Books of Climatic Treatment, 525
Human Sexuality, 1122
Hyatt, T. P., Teeth and Their Care, 292
Hygiene of Pregnancy, 1123
Influence of the Menstrual Function on Certain Diseases of the Skin, 1938
Influence of the Mind on the Body, 1408
In the Year 1900, 1301
Introduction to General Inorganic Chemistry, 526
Jennings, W. B., Hygiene of Pregnancy, 1123
Kelley, S. W., In the Year 1900, 1501
Kelly, H. A., Walter Reed and Yellow Fever, 224
Kilmer, F. W., Physical Examination of Infants and Young Children, 222
Lack, H. L., Diseases of the Nose and Its Accessory Sinuses, 139
Lane, W. A., Operative Treatment of Fractures, 377
Leathes, J. B., Problems in Animal Metabolism, 1039
Leedham-Green, C., Treatment of Gonorrhea in the Male, 62
Le Vieillissement Artificiel Des Vins et Spiritueux, 1408
Long, J. H., Elements of General Chemistry, 1214
Malvezin, P., Le Vieillissement Artificiel des Vins et Spiritueux, 1408
Manual of Medical Treatment or Clinical Therapeutics, 1936
Manual on Operative Surgery, 378
Martindale, W. H., Extra Pharmacopeia of Martindale and Westcott, 1501
Medical and Pharmaceutical Latin, 526
Medical Directory of New York, New Jersey and Connecticut, 1039
Medical Diseases of Infancy and Childhood, 139
Medical Jurisprudence, Forensic Medicine and Toxicology, 1040
Meeker, H. D., Compend of Operative Gynecology, 880
Military Hygiene, 794
Minor Maladies and Their Treatment, 2104
Morat, J. P., Physiology of the Nervous System, 1122
Morphology of Normal and Pathologic Blood, 1215
Notes on Surgery for Nurses, 1502
Nurse's Hand-Book of Medicine, 880
Nursing in Acute Infectious Fevers, 1069
Operating Room and the Patient, 224
Operative Otology, 63
Operative Surgery, 292
Operative Treatment of Fractures, 377
Ophthalmoscope and How to Use It, 794
Parke, J. R., Human Sexuality, 1122
Pathology, General and Special, 223
Paul, G. P., Nursing in Acute Infectious Fevers, 1069
Pavy, F. W., Carbohydrate Metabolism, 224
Personal Hygiene, 378
Physical Examination of Infants and Young Children, 222
Physician's Visiting List for 1907, 2080
Physiology and Therapeutics of the Harrogate Waters, Baths and Climate, 1122
Physiology of the Nervous System, 1122
Pneumonite Crupale, 1214
Pollard, B., Heath's Manual of Surgery and Bandaging, 378
Porter, A. L., Preservatives in Food and Food Examination, 1469
Posey, W. C., The Eye and Nervous System, 525
Practical Medicine Series, 525
Practice of Gynecology, 225
Practitioner's Visiting List for 1907, 2105
Preservatives in Food and Food Examination, 1469
Principi Fondamentali Della Antropologia Criminale, 526
Problems in Animal Metabolism, 1039
Progressive Medicine, 2039
Prontuario Di Psichiatria, 526
Reese, J. J., Text-book of Medical Jurisprudence and Toxicology, 1317
Riley, C. M., Toxicology, 1936
Rohrah, J., Diet in Health and Disease, 2104
Schmidt, A., Examination of the Function of the Intestines, 226
Senn, N., Tahiti, The Island Paradise, 1317
Serafini, A., Pneumonite Crupale, 1214
Schofield, A. T., Unconscious Therapeutics, 880
Shastid, T. H., How to Suppress a Malpractice Suit, 1408
Smith, A., Introduction to General Inorganic Chemistry, 526
Stelwagon, H. W., Treatise on Diseases of the Skin, 223
Stevens, A. A., Text-Book on Modern Materia Medica and Therapeutics, 378
Tahiti, The Island Paradise, 1317
Technique du Traitement des Tumeurs Blanches, 1408
Teeth and Their Care, 292
Text-Book of Human Physiology, 794
Text-book of Medical Jurisprudence and Toxicology, 1317
Text-Book of Sanitary and Applied
Text-Book of Modern Materia Medica Chemistry, 1469
and Therapeutics, 378
Thorington, J., Ophthalmoscope and How to Use It, 794
Thresh, J. C., Preservatives in Food and Food Examination, 1469
Toxicology, 1936
Treatment of Gonorrhea in the Male, 62
Treatise on Diseases of the Skin, 223
Unconscious Therapeutics, 880
Visiting List, Physicians, 1907, 2030
Visiting List, Practitioners, 1907, Lea Bros., 2105
Visiting List, Walsh, 2105
Walsh's Physicians Combined Call-Book and Tablet, 2105
Wallace, J. S., Cause and Prevention of Dental Caries, 377
Walter Reed and Yellow Fever, 224
Westcott, W. W., Extra Pharmacopeia of Martindale and Westcott, 1501
Whitthaus, R. A., Medical Jurisprudence, Forensic Medicine and Toxicology, 1040
Williams, Minor Maladies and their Treatment, 2104
Woodhull, A. A., Personal Hygiene, 378
Yeo, I. B., Manual of Medical Treatment on Clinical Therapeutics, 1936

C

Cabot, R. C., physician's responsibility for nostrum evil, 992—O
Cactus products, 1624—O
Caffey, H. B., a dicephalous monster, 1738—O
Caisson disease, 688—E
and medical certificates, 1402—E
Calcareous degeneration, studies on, 969—ab
Calcium ichthyol, 1020—P
iodid, value of, in treatment of ulcers, 542—ab
treatment of serum disease, 511—E
Calculi, diagnosis of renal, with x-ray, 933—ab
phosphatic, following suprapubic prostatectomy, 1136—ab
renal, 2111—ab
Calculi, surgical treatment of renal, 2111—ab
urinary, in Egypt, 295—ab
Calculus, large, of ureter removed by suprapubic cystotomy, 542—ab
Calcutta, phthisis in, 859
California, announcement of board of medical examiners, 139
August report, 1945
medical news, 279, 360, 430, 514, 596, 753, 944, 1105, 1494, 1570, 1824, 2027, 2164
relief fund, 121, 593, 873, 517, 947, 1311
state society journal out of ashes, 588—E
Calomelol, 1020—P
ointment, 1020—P
Calthos, 1624—O
Cammidge reaction, 210—ab
Campbell, W. C., further contribution to study of stools of starch-fed infants, 782—O
Canada medical news, 121, 215, 283, 444, 603, 694, 780, 889, 1031, 1110, 1268, 1311, 1388, 1575, 1685, 1840, 2031, 2166
Cancer, 320—ab, 1902—ab
and immunity, experimental, 208—E
and tuberculosis, relations between, 1424—ab
and venereal disease, prophylaxis of, 720
and water, 468—ab
can it be cured? 264—E, 279
curability of, in general and of cancer of tongue in particular, 2041—ab
dread of, 468—ab
errors in treatment of cutaneous, 1514—ab
etiology of, 2120—ab
first international conference on, 1312
in bladder in bilharzia affections, 315—ab
in mice, 468—ab
in Stuttgart, 468—ab
laryngotomy in radical treatment of laryngeal, 1602—ab
lesions predisposing to, 15—O
medical treatment of, 1539—O
metastasis in central nervous system, 1519—ab
methylthionin hydrochlorid in inoperable, 1156—O
nature of, and cancer cachexia, 2125—ab
of cervix uteri, operative treatment of, 1899—O
of head and neck, excision of, 1780—ab
of lips and tongue, a plea for more radical operations in, 988—O
of pancreas, 1213
of rectum, 453—ab, 901—ab, 2126—ab
of rectum, axlona in treatment of, 1327—ab
of rectum, operative treatment of, 453—ab
of stomach, 216—ab
of stomach, diagnosis of, 244—ab, 1231—ab
of stomach, operative treatment of, 2041—ab
of stomach, pylorogastrectomy for, 901—ab
of stomach, symptomatology of, 902—ab
of stomach, trauma and, 395—ab
of stomach, treatment of, 899—ab
osteoplastic, in prostate, four cases of, 315—ab
of uterus, 1487—O
pathogenesis and therapeutics of, 1414—ab
pancreatic extract in, of larynx, 1955—ab
powers of peritoneum in, 1142—ab
prevention of, 1742—E
prevention of, regarded as practical question ripe for solution, 1599—ab
radical operation in, of uterus, 1872—O
research, 1406—ab
research, brief résumé of the world's recent, 894—ab
research fund, imperial, 444
research in France, 1928
in Hungary, 2149
research, international conference for, 45
retention of sphincter in removal of rectal, cancer, 1903—ab
Roentgenization in treatment of, 1541—O
spirochetes in, and in syphilis, 1901—ab
spontaneous cure of, 152—ab
symptoms of, of uterus, 1885—O
to detect incipient, 468—ab
treatment of, 1676—ab
treatment of, with glycolytic and pancreatic ferments, 218
trypsin treatment of, 450, 844—ab, 2119—ab
vaginal extirpation of, 240—ab
uterine, results of abdominal extirpation of, 77—ab
Cancers, treatment of, by anesthetization, 1984—ab
Canker sores, treatment of, 1124
Cannaday, J. E., present status of conservatism in surgical treatment of tubes and ovaries, 1454—O
Cap and gown in Molière, 1557—O
Capsulotomy, cataract extension with preliminary, 960—ab
Carbohydrates in amniotic fluid in diabetes, 1774—ab
Carbolic-acid, treatment of external affections, 2177—ab
arthrodesis, treatment of paralytic dislocation of hip with, 1141—ab
Carbon compounds, naming of, 887, 1060, 1743, 1800, 1881, 1919, 2063
dioxid gas retention as frequent factor of disease, 305—ab
Carcinoma and lupus, case of, 455—ab
and sarcoma appearing in same patient, 64—ab
cervicis uteri, careful study of parametrium in twenty-seven cases of, and its clinical significance, 1313—ab
experimental production of atypical epithelial proliferation in relation to, 1585—E
in early life, 152—ab
influence exerted on virulence of carcinoma in mice by subjecting tumor materials to incubation previous to inoculation, 969—ab
of bladder, 320—ab
of breast, ultimate results in, treated with x-ray, 899—ab
of cervix, lymph glands in, 973—ab
of rectum, new operation for, 453—ab
of stomach, 538—ab, 715—T
of upper end of œsophagus, with perforation into trachea, 898—ab
of uterus at Breslau, 213—ab
total laryngectomy for, 899—ab
ventriculi, with rare and unexpected findings, 899—ab
Carcinomata, bilateral metastatic ovarian, 1901—ab
Cardiac compensation, failure in, 2130—ab
disease, graphic methods in study of, 1415—ab
muscle, relation of, and valves to arterial tension, 1323—ab
peril, another, 2017—E
Cardiovascular diseases, treatment of chronic, 1677—ab
Carotid gland, tumors of, 469—O, 566—O, 1329—ab
Carrel, A., anastomosis of blood vessels by patching method and transplantation of kidney, 1642—O
Carrier, A. E., what shall we teach public regarding venereal diseases? 1950—O
Carswell, case of "Dr.," 980—E
Carstens, J. H., education as a factor in prevention of criminal abortion and illegitimacy, 1980—O
Carstens, J. H., stem pessary for amenorrhea and dysmenorrhea, 2133—O
Carter, J. C., instillation of pure carbolic acid into eye, 37—O
Carum ervacum, 1020—P
tonic laxative globules, 1021—P, 1195
Caseous matter, observations on effect of sterile, in treatment of abscess, 970—ab
Casey, two interesting surgical, 392—ab
Cassady, D., acetanilid poisoning by headache tablets, 2012—O
Cat, pathologic, 200—E
Cataract, black, 1957—ab
extraction with preliminary capsulotomy, 960—ab
simple extraction of senile, by Teale's method, 2041—ab
study of, 3436 cases of senile, 1765—ab
what is safest operation for, 1130—ab
Catarrh, autumnal, 1223—T
Catgut, methods of preparing, 703
sterile, ready to use, 642—ab
that can be boiled, 727—ab
Caustic potash, treatment of epithelioma by, 720—ab
Cauterization, steam, of uterus, 2128—ab
Cautery, an improved tip for, 205—O
Cecostomy and appendicostomy, for relief of chronic diarrhea, 967—ab
Cecum, ileocecal, valve and appendix, tuberculosis of, 291—ab
Celluloid plates to close defects in skull, 545—ab
Cerebellum, functions of, and symptoms of its disease, 1328—ab
Cerebral affections, diagnosis and prognosis of acute, 816—ab
decompression, 879—O, 744—O, 849—O, 923—O
development, impaired, due to other than cranial causes, 1049—ab

Cerebral localisation, 709—ab, 1419—ab
nervous system, staining of, and relation of epilepsy to central nervous system, 799—ab
Cerebrospinal fever, case of, 1853—ab
fever, epidemic 1139—ab
fluid, escape of, through ear with intact drum, 1859
Cerebrospinal-meningitis, epidemic of, 47, 810—ab, 1055—ab, 1206—ab
epidemic, in Germany, 288, 1285—ab
experimental, and its serum treatment, 860—O
inflammation of extradural tissue of spinal cord in epidemic, 961—ab
in Glasgow, 588
prevention of, epidemic, 1189—E
serum treatment of, 542—ab
Cerebrum, observations on functions of association areas, in monkeys, 1484—O
tumor of, giving rise to Jacksonian epilepsy and, at later stage, coma, 1292—ab
Certificate requirements, 892—MI
validity of law authorizing revocation of, for advertising relative to venereal diseases, 1413—MI
Cervical ribs, diagnosis of, 1282—ab
Cervix, excision of V-shaped piece of posterior uterine wall for anteflexion of, with aid of intrauterine holder, 1252—ab
lymph glands in carcinoma of, 972—ab
manual and instrumental dilatation of pregnant and parturient, 1334—O
new operation for antiflexion of, 225—ab
tuberculosis of, 209—ab
uteri, lacerations of, 1121—ab
Cesarean-section, deep incision and vaginal, should be banished from obstetric practice, 1234—ab
in country practice, 1056—ab
indications for, other than pelvic deformities of, 1256—ab
performed by a cow, 1189—O
remarks on, 1505—ab
Schauta's experience with, 973—ab
treatment of placenta previa by, 1123—ab
treatment of placenta praevia centralis by, 1259—ab
vaginal, in treatment of puerperal convulsions, 1258—ab
Cesarean-sections, four, and labor complicated by fibroma in which hysterectomy was performed on sixth day of puerperium, 895—ab
review of fourteen, successfully performed, 809—ab
Chanca, a forgotten worthy, Dr. Diego Alvarez, of Seville, Spain, 1013—O
Chancre, certain bodies present in, in condyloma, and in blood during secondary syphilis, 230—ab
Chapin, C. V., fetich of disinfection, 874—O
Chase, R. P., an improved stomach tube, 273—O
Chassignac, C., etiology of social evil, 1072—O
Chemical discoveries in Switzerland and Germany, 1409
Chemistry, application of physical, to pharmacology, 1116
Chest, diaphragm in Roentgenography of, 892—ab
Cheyne-Stokes respiration, 1283—E
Chiblaius, treatment of, 467—ab
Child labor, restricts, in factories, 2024—MI
prosecution for cruelty to, in neglecting medical advice, 1214
training of, mentally and morally defective, 289—ab
Childbirth after pubiotomy, 1142—ab
Children, acute intestinal diseases of, 1290—ab
acute non-suppurative encephalitis in, 1184—O
capacity of, to commit rape and other crimes, 1286—MI
duty of family physician in regard to proper mental and physical development of, under his care, 301—ab
empyema in, 1221—ab
heredity and environment as factors in life and diseases of, 700—O
mental health of school, 29—E
pleuritic exudates in, 1256—O
relief of Australian dependent, 1111
rheumatism in, 1230—ab
Chill, pathology of, 1213
China and opium traffic, 1405—E
medical work in, 2169
prospects of Western medicine in, 1080—ab
Chinaphenin, 1021—P
Chlorbutanol, 1021—P
Chloretone, 1021—P
inhalant, 1021—P
Chloride, simple test for, in urine, 904—ab
Chloroform anesthesia, 1120
dosage of, in blood and tissues, 1252—ab
hallucination of, 1110
poisoning, acute atrophy of liver from, 1121—O
poisoning delayed, 2040—ab
urobilinuria with, 547—ab
Chlorosis, treatment of, 725—ab, 891—T
Cholecystitis, phlegmonous, 1322—ab
typhoid, 211—ab
Cholecystostomy, improved technic, 1125—ab
Cholelithiasis, 999—ab
atonia gastrica in relation to, 1228—ab
etiology of, 2032—ab
treated by olive oil, 1402—ab
Cholemia in melancholia, 226
Cholera in Manila, 788, 1204
in Philippines, 46, 121, 518, 788, 1053, 1204
quinin treatment of, 1005—O
sodium bicarbonate in, 1140—ab
treatment of, and various bacterial affections with Fuller's earth, 2113
Cholin, influence of injections of, on embryo, 1021—ab
Chorea, 715—T
analysis of 808 cases of, with special reference to cardiovascular manifestations, 1228—O
considered as cerebral rheumatism, 226—ab
etiology of, 1267—E
hereditary, 1059—ab
of pregnancy, 976—ab
pathology of, 1289—ab
Christensen, C., two cases of generalized blastomycosis, 947—O
Christian, H. A., certain phases of recent work in pathology and physiology, 849—O
Church, W. S., guilt in infectious diseases, 1214—O
Circulation, collateral, following ligation of femoral artery, 730—ab
physiopathology of lymph and blood, 1005—ab
recent contributions to physiology of, 1243—O
viewed from periphery, 708—ab
Citaris, 1021—P
Cities, population of, in educational number, 1116
Claiborne, J. H., conjugate lateral deviation, 899—O
Claiborne, J. H., types of congenital symbol and amblyopia, 1213—O
Clamp pincers for suturing, 695—ab
Clark, J. G., cancer of uterus, 1267—O
Clark, J. G., symptoms of cancer of uterus, 1267—O
Claudication, intermittent, due to arteriosclerosis of extremities, 309—ab
spinal intermittent, 1031—ab
Clavicle, dislocation of outer end of, 1121—ab
Clavicles, improved method of putting up fractured, 1055—ab
Cleveland, how fake doctors of, extort money and deceive patients, 1579
Climate and treatment of tuberculosis, 2016—E
maxims for selection of, in pulmonary, laryngeal and bone tuberculosis, 450—ab
winter, of Tucson, Ariz, 1135—ab
Clippings, physician's library and filing of, from journals, 605, 882
Clothing, manufactures from cast-off, prohibited, 1883—MI
Clubfoot, treatment of congenital, 1080—ab
Clubs, union of medical representative, in Austria, 1022
Coal-tar industry, fiftieth anniversary of, 519
Cocain, hypodermic solutions, alcoholic strength of, 1047
in Tucker asthma cure, 277, 793
striking idiosyncrasy to use of, in eye, 1486—O
Cocks, E. M., case of pemphigus limited to mucous membranes, 1735—O
Cod-liver-oil, a food or medicine—which? 1297—P
Hagee's cordial of, 1298—P
how to prove or disprove the presence of, 1297—P
preparations, fraud and deception connected with so-called, 1297—P
Waterbury's metabolized, 1297—P
Coe, J. W., treatment of purpuric conditions and hemophilia, 1060—O
Coeducation, advantages or disadvantages of, after age of 12 years, 283—ab
at Glasgow university, 2021
Coffee and cocoa, action of, on secretion of gastric juice, 1142—ab
Colds, Benjamin Franklin's views as to nature of, 251
Coley's serum for inoperable sarcoma, 1041
Colic, artificial renal, as valuable means of diagnosis, 1055—ab
gall-bladder, 2122—ab
Colics, mucous, clinical features of, 1859—ab
Colitis, pathogenesis of experimental, and relation of colitis in animals and man, 999—ab
surgical aspects of, 811—ab, 1230—ab
surgical treatment of chronic, 1960—ab
College, reputability of, 526—MI
Colleges, increase in medical, 588—E
new, 297
which have raised standards during past year, 297
Collodion and acetanilid dressing, 892—T
Colon, health of, 1497
Colon, neoplasms of, 825—O
Color conversion, new phenomenon of, 175—O, 204
Colorado, college report for 1905, 1072
July report, 713
medical news, 279, 388, 833, 784, 914, 1395, 1584, 1494, 2006, 2164
new educational requirements of, 452
new requirement, 588—E
October report, 1951
Colpohysterotomy, anterior, 976—ab
Columbian Life Insurance company of Boston, 1394
Comb, use of steel, for dissection in axilla, 1050—ab
Commercialism and drug adulteration, 1095—O
Competition, may contract against future professional, 1055—MI
Complexion powders, 1050—ab
Conception, prevention of, criminal abortion; fetichism, 17
Condition that precedes disease, 481—ab
Conduct, higher plane of, 1407
Congestion, passive, in treatment of affections in diabetes, 1335—ab
passive, in treatment of gonorrheal joint affections, 849—ab
Congress, fourteenth international, of hygiene and demography, 519
fourth international, of insurance examiners, 1252
French, of alienists and neurologists, 604
German Naturforscher, 1213
German ophthalmologic, 1576
health, at Rome, 1884
international, for child study and care of youth, 294
Italian, of internal medicine, 602, 1949
of French speaking physicians of America, 604
of otology, eighth international, 604
of professional medicine in Belgium, 899
ophthalmologic, at Oxford, 605
second international, for insane, 1289
second international, on school hygiene, 1213
summary of legislative affairs at close of, 189
tenth annual medical, of Roumania, 1576
Connecticut eclectic committee adopts standard, 2136
July report and questions, 713
medical news, 42, 279, 598, 1027, 1494, 1570, 1958, 2024, 2164
Conolli, F. G., capillarity in intestinal sutures, 405—O
Consanguinity, marital, and defective children, 889—E
Conservatism, present status of, in surgical treatment of tubes and ovaries, 1454—O
Constipation, air dilatation in treatment of chronic, 454—ab, 639—ab
dietary treatment of chronic, 2176—ab
chronic, 1082—ab
galvanic treatment of habitual, 198
habitual, viewed from standpoint of modern evolution of dietetics, in physiologic phenomena, 894—ab
management of, in infancy, 237—ab
medical treatment of chronic, 2176—ab
treatment of, 644—ab, 809—T
Consultation, charge for, by telephone, 1206
Consumption (see tuberculosis)
Contagious disease, failure of hospital or individual to warn nurse of patient having, 1202—MI
disease, hospital not deemed nuisance, 1196—MI
Contract insurance work—experience of Warren, Pa., 2165
practice, 1023—E
problem and its solution, 1841
Contractures and muscular atrophy, 1082—ab
Convergence, and its effects, 676—O
Convulsions in children and their relation to epilepsy, 1221—ab
several thousand, in four weeks' old infant, 1136—ab
vaginal Cesarean section in treatment of puerperal, 1256—ab
Cook, J. C., bacteriologic and blood findings in 32 cases of bowel infection of infants, 2141—O
Cordier, A. H., nephrolithiasis, 998—O
Cornea, treatment of opacity of, by physical agents, 2125—ab
treatment of ulcer of, 1139—ab
Corns, treatment of, 1050
Corporations, liability of, for medical services to employes, 1212
Corpuscles, stain index of red, 899—ab
Cortex in tuberculosis, 226—ab
Costal arch, osteoplastic resection of, to reach vault of diaphragm, 1050—ab
Cotton, A. C., sodium citrate in infant feeding, 1059—O
Cough, unrecognized causes of, 178
Council on Medical Education, comment on report of, 696
Council on Pharmacy and Chemistry, an endorsement of, 696—P
official report on vin mariani by, 1701—P
Counter irritants in pneumonia, 1134
prescribing, by self-medication, 1884, 2027
County practice, 884—E
Coxa vara, 1077—ab
Coxitis, end results of conservative treatment of tuberculous, 845—ab
Craig, G. G., fatal poisoning by external application of bichlorid of mercury, 1484—O
Cramp, writer's, cured by elastic ligature, 1174
Cranial injuries, 1040—ab
surgery, present status of, 1949
Craocetal, 1026—P
Cretinism, case of, with spontaneous improvement, 295—O
Crile, G., a method of treatment of hemorrhage, 136—O
Crile, G., direct transfusion of blood in treatment of hemorrhage, 1402—O
Crile, G., excision of cancer of head and neck, 1780—O
Crime, eye-strain and, 889—ab
Crippled, institution for, 2032
Crockett, E. A., tuberculosis of middle ear and mastoid, 1484—O
Croftan, A. C., dietetics of obesity, 850—O
Cumston, C. G., what effective measures are there for prevention of spread of syphilis and increase of prostitution, 1272—O
Cupidone, 1026—O
Curschmann's spirals in bronchial asthma, 157—ab
Cushing, H. E., acute atrophy of liver from chloroform poisoning, 1191—O
Cushing, H., case of spontaneous intravascular hemorrhage associated with trigeminal nevi, 178—O
Cutter, J. B., acute carbolic acid poisoning; recovery, 488—O
Cyanosis, microbic, 682—ab
Cyclopedia, biographical, of medical men, 1985
Cyst, echinococcus, of liver, 288—ab
removal of intraligamentary, and bilateral oophorectomy during early pregnancy without interrupting gestation, 718—ab
Cystinuria and alkaptonuria, 2178—ab
Cystitis, 804—T
caseous, 2129—ab
urethral bacteria as factor in etiology of, in women, 1513—ab
Cystocele and uterine prolapse, treatment of cases of extensive, 182—ab
Cystoscope and ureteral catheter, diagnostic value of, 1413—ab
Cystoscopic instruments, evolution of modern, and methods, 1513—ab
Cystoscopy and ureteral catheterization, 1402—ab
Cystotomy, large calculus of ureter removed by suprapubic, 542—ab

Cystotomy, suprapubic, as preliminary to, and as route for performance of considerable number of prostatectomies, 1127—ab
Cysts in mesentery, 1144—ab
large, of suprarenal capsule, 2042—ab
of lower jaw, 2048—ab
of ovary, situated above superior pelvic strait, complicated by pregnancy, 1229—ab
of urachus, 1033—ab
retroperitoneal, 2079—O
Cytology of effusions and exudates, 249—ab

D

Dacryocystitis, treatment of acute, 959—ab
Daggett, W. G., typhoid fever in a patient aged 70 years, 1191—O
Damage suits terminating in favor of surgeons, 1312
Damages, elements affecting expectancy of life, and, for injuries, 1763—MI
for death of dentist, 70—MI
recoverable, for wrongful death of physician, 926, MI, 1762—MI
Dame, F. R., peculiar congenital malformation, 839—O
Darling, S. T., accessory nasal sinuses and pneumococcus infections, 1561—O
Darnall, W. E., multiple neuromata of skin, 1810—O
Davenport, F. H., chronic headache, associated with pelvic disease, 1325—O
Davis, D. J., Negri bodies in hydrophobia, 57—O
Davis, N. S., effects of pericarditis on heart, 1429—O
Dead line in sports, 1403—E
Deaderick, W. H., hymenolepis nana and hymenolepis diminuta, 2087—O
Deafness, chronic catarrhal, 1806—O
due to defective functioning of thyroid gland, 2044—ab
electrolysis in treatment of, due to stricture of the Eustachian tubes, 895—ab
influence of pregnancy on, 608
Death, cause of, 688—E
damages for, of dentist, 70—MI
damages recoverable for wrongful, of physician, 926—MI
from bromo-seltzer, 2158—O
from puerperal septicemia one arising from pregnancy, 838—MI
from rattlesnake bite, 2013—O
from suppurating tonsil, 205—ab
in diphtheria, 814—ab
in pregnancy, 538—MI
massage of heart in apparent, from anesthetics, 957—ab
may testify as to cause of, although not present at death, 427—MI
of minor from anesthetic administered before operation without father's consent, 1653—MI
proximate cause of, septicemia after injury, 538—MI
rate in city and country, 40—E
rate of Norway, why it is low, 138
under chloroform in dentist's chair, 1751
Deaths in India due to wild animals, 1751
medicolegal features of, from burning, 1320—ab
Deaver, J. B., indications for surgical intervention in infections of biliary tract, 492—O
Decidual tissue, diagnostic significance of, 459—ab
Deformities, basal principles of oral, nasal and facial, 142—ab
tendon transplantation and grafting for paralytic, 287—ab
Degenerate, sterilization of undesirable, 799—ab
Degeneration, sympathetic, 1221—ab
Delaware June report, 331
medical news, 859, 1924
Delay, must avoid preventable in getting to hospital, 1784—MI
Delirium and death during convalescence from ileus, 989—ab
Delivery, artificial, 1861—ab
Dementia, motor degenerative sequence in, 1338—O
paralytica, etiology of, 1419—ab
paralytica, examination of spinal fluid in, 156—ab
precox, 809—ab
precox, blood changes in, 459
spontaneous rupture of heart in case of senile, 538—ab
Dench, E. B., treatment of intracranial complications of middle-ear suppuration, 1289—O
Dengue, clinical notes on recent epidemic of, 538—ab
in Syria, 543—ab
Denny, F. P., value of small quantities of human milk in treatment of infantile atrophy and infections of infants, 1204—O
Dentalone, 1026—P
Dentition, reflexes of, 25—O
Dermatitis, causative factor in production of, of ground itch (uncinariasis), 1623—O
from butter coloring, 2012—O
gangrenous, infectious, 1767—ab
Dermatoses, nutrition in various, 1771—ab
Dermacentor occidentalis, further observations on Rocky Mountain spotted fever and, 1067—O
Dermatol, 1066—P
Dermatology, Roentgen ray in, 888—ab
Descensus ovariorum, 1636—ab
Desmoid reaction, 975—ab
Deviation, conjugate lateral, 490—O
Dewey, E. L., case of tetanus neonatorum with recovery, 595—O
Dewey, E. L., successful delivery of twins in placenta prævia, 1261—O
De Ybarra, A. M. F., a forgotten worthy, Dr. Diego Alvarez Chanca of Seville, Spain, 1013—O
Diabetes, carbohydrates in amniotic fluid in, 1774—ab
experimental, 1196—E
insipidus, treatment of, with strychnin, 549—ab, 1223—ab
Langerhans' islands and, 1234—ab
mellitus, dietetic treatment of, 2143—O
mellitus, rational treatment of, 1054—ab
Diabetics, management of, 1403—ab, 1808
passive congestion in treatment of affections in, 1235—ab
operations on, 2128—ab
Diabetin, 1026—P
Diachylon, use of, as abortifacient, 1029
Diagnosis at sight, 1029—E
necessity for careful and accurate, 1679—ab
possibilities and limitations of laboratory, 1356—ab
Diagnostician, technic of, 1401—ab
Diapers, electric signal for wet, 985
Diaphragm, diagnosis and surgical treatment of injuries to, 1284—ab
hernia of, 1144—ab
innervation of, 1772—ab
osteoplastic resection of costal arch to reach vault of, 1039—O
paralyses of, 1772—ab
Diarrhea, 809—P
appendicostomy and cecostomy for relief of chronic, 454—ab, 967—ab
infantile, 1419—P, 540—ab
unrecognized etiologic factor in summer, 1055—ab
Dictionaries, medical, as evidence, 1953—MI
Diehl, C. L., national formulary, 1826—O
Diet, effect of dry, in nephritis, 1222—ab
in albuminuria, 1621—O
quantitative estimation of, in private practice, 1016—O
values, 1314
Dietetics, 1732
diagnostic and therapeutic value, 1403—ab
of obesity, 899—O
Digestion, importance of hydrochloric acid for infantile, 527
influence of rest, exercise and sleep on gastric, 854—ab
Digestive tract, frequency of tuberculous infection by way of, 973—ab
primary pneumococcus infection of, 166—ab
primary tuberculosis of, 813—ab
Digitalis and barium chlorid, 71—ab
and heart block, 302—ab
giving, 809
pharmacology of, 2059—O
Dilator, new hydrodynamic bag for cervical, 1856—ab
Diller, T., attacks of hysterical aphonia occurring in patient subject to typical epileptic seizures, 119—O
Dionis, 1026—P
Diphtheria antitoxin and Roentgen rays, in pernicious anemia, 203
antitoxin, duration of immunization after injection of, 1860—ab
antitoxin in exophthalmic goiter, 1498—O
antitoxin treatment of, 159—ab, 870
contagiousness of, 1949
death in, 814—ab
Diphtheria, injection of antitoxin in, by intravenous method, 1515—ab
latent, public health problem, 1220—ab
length of quarantine in, 297
mortality in Vienna hospitals, 882
patients, methods employed in Providence, R. I., for releasing, 2031—ab
patients, value of two consecutive cultures as method of releasing, 2031—ab
precautions against spread of, in schools, 604
present treatment of, 1594—ab
toxins in blood in, 1694—ab
Diplobacillus of Morax-Axenfeld, 255—O
Dipsomania, 1135—ab
Disc, palliative surgical operations in choked, 1261—E
Disease, affliction with loathsome, can not be condoned, 288—MI
dissemination by insects, 2164—E
prevention in children of, in adult, 1825—ab
Diseases and hospitals of Africa, 1068—O
and hospitals of east coast of Africa, 141—O, 225—O, 521—O, 611—O
and hospitals of interior of South Africa, 980—O, 1050—O
and hospitals of Portuguese East Africa, 702—O
comparative frequency of, here and abroad, 276—E
induced, 2128—ab
influence of domestication on origin of, of, 642—ab
nervous and mental in general practice, 145—ab
relation of systematic, to conditions of oral cavity, 824—O
resolutions on communicable, 48
Disinfection, 940—E
course in practical, 668
fetich of, 574—O
formaldehyd, 952, 1513—ab
hot-water-alcohol, in obstetrics and for protection of abdominal wounds, 1494—ab
of physician's hands, 2190—ab
of ships, 573
reasons and methods, 2030—ab
Disorders, some obscure cases of urinary, 250—ab
Dispensary, free, as factor in tuberculosis crusade, 1404—ab
Dispensing versus prescribing, 1788—O
Dissection, blunt, in plastic gynecologic operations, 1859—ab
District of Columbia, July report, 1673
medical news, 43, 220, 333, 439, 880, 784, 1027, 1105, 1576, 1745
Ditman, N. E., osmotic index in medicine, 1752—E, 1788—O
Diuretics, action of, after removal of kidneys, 975—ab
Diuretin, 1026—P
Dock, G., proprietary medicines and their abuses, 979—O
Doctor, an American, of the old school, 1208—E
and automobile, 1344
and public, 1404—ab
country, 527
of neurology and ophthalmology, 1803—MI
ruined, 1332
Doctors and medical emergencies, 870
Donoghue, F. D., retroperitoneal cysts, 2079—O
Dooley, D. H., method of treatment of hemorrhage, 1126—O
Dorrance, G. M., treatment of fracture of inferior maxilla with description of splint, 854—O
Dorrance, G. M., treatment of osteomyelitis with iodoform bone plugging, 2050—O
Dowie, passing of, 1184—E
Downey, J. H., treatment of fractures of femur, 581—O
Downey, J. H., new combined operating and office table, 2160—O
Drainage, 1401—ab, 1769—ab
drains and, 988—ab
peritoneal, 1468—ab
principles and mechanics of abdominal, 988—ab
puerperal fever treated by uterovaginal, 639—ab
Drains and drainage, 988—ab
Dramatist, great medical, 115—E
Drinking, decrease of, among physicians, 609—E
Dropsy, chylous, 2044—ab
toxic, 1620—ab
Drug adulteration, commercialism and, 1602—E
eruptions, histopathology and theory of, 1602—ab
Drugs, action of, in vascular hypertension, 2194—ab
administration of, to concurrently retard and stimulate systematic oxidation, 488—ab
Institute for testing new, 1130
physiologic standardization of, 1653—E
prohibits adulterating or misbranding, and food, 2034—MI
relations between physical behavior and action of, 975—ab
unification of formulas for heroic, 609
Druggists and physicians, 127—P
Duct, wound of thoracic, ligature, recovery, 154—ab
Dudley, E. C., utilization of broad ligaments in complete descent of uterus, hysteromyomectomy and removal of uterine appendages, 1035—O
Dehavens, A., guarantee of safety in marriage contract, 1891—O
Dunbar's remedies, hay-fever treatment by, (Pollantin), 270, 447, 923, 982, 994
Dunn, C. H., reflexes of dentition, 25—O
Duodenal ulcer, surgical treatment of gastric and, and its results, 912
Duodenum, acute, perforation of, 1289—ab
further observation on anatomy of, 2032—ab
hour-glass, 941—O
surgical treatment of duodenal ulcer, 338—O, 1068—O
Duotal, 1026—P
Duotonol, 1026—P
Dust and disease, 444
danger of, as cause of tuberculosis, 1849—ab
nuisance, fighting, 48
passage of, from through walls of digestive tract, 1129—ab
problem, 1220—ab
Duty as to providing nurse for quarantined persons, 1293—MI
Dwellings, reform in construction of, 1080—ab
Dwight, T., clinical significance of variations of wrist and ankle, 252
Dysentery, asylum, 298, 1277, 1285—E
endemic sporadic, (with Shiga's bacillus) in England, 75—ab
prevalence of, in asylums, 1277
treatment of catarrhal and gangrenous, 752—ab
treatment of chronic, 1023—ab
Dysmenorrhea, 722—ab, 1702—T
Dyspepsia, intestinal, 854—T
reflex, in abdominal and pelvic disease, and surgical treatment, 1284—ab
Dystocia from cystic kidney of fetus, 1
Dystrophies of tabes dorsalis, 289—E

DEATHS.

Abbitt, Julian H., 1071
Adams, William Lysander, 220
A'Heron, Terrance, 1042
Ainsworth, Fred L., 2178
Aldrich, Robert H., 1845
Alexander, John P., 59
Alexander, Wilbur, 447
Allen, C. P., 1383
Allen, Francis Withers, 2029
Allen, George Edgar, 1754
Allen, Otis, 1846
Allen, Porter D., 1319
Allen, Robert Grover, 59
Allison, Robert R., 289
Anders, John R., 1049
Anderson, Edward R., 1383
Anderson, Isaac Campbell, 2107
Andrade, Eduardo, 1123
Andrew, Russell G., Jr., 1383
Andrew, William P., 221
Angney, William Muir, 1845
Anthony, Marcus P., 954
Appleby, David Jeffries, 221
Armstrong, George S., 1319
Arndt, Otto H., 59
Arnold, Glover Crane, 2029
Ashcraft, John Fairley, 2107
Atkins, Lyman, 1319
Atkinson, Isaac Edmondson, 1845
Axtell, William Harvey, 1250
Babcock, H. E., 1194
Backman, Solomon S., 1041
Bacon, Charles G., 794
Bacon, E. R., 2107
Bacon, H. Clint, 795
Bacon, Margaret, 1295
Barthig, Henry, 220
Bailfargeon, Philip L., 2107
Bailey, Alvan S., 1042
Baker, Harlan C., 1071

Baker, Reuben H., 1819
Baker, Richard B., 1754
Baldinger, Arthur F., 229
Baldwin, Nelson Abeel, 881
Ball, Addison W., 1562
Ball, William A., 1754
Ballard, Laura A. Stow, 2174
Banks, Robert Coulter, 1503
Barlow, Arthur, 881
Barnes, Crittenden E., 1318
Barrett, William Marshall, 1845
Bartlett, William H., 289
Bartlett, Lorenzo B., 609
Bassett, John N., 795
Bates, Thomas H., 134
Baylor, John G., 2173
Beach, Charles E. C., 1122
Beach, Ferdinand, 1846
Beard, Cornelius C., 702
Beck, William H. H., 135
Beebe, Justus, 881
Beecher, Elmer, 954
Beecher, John A., 1319
Beekman, John C., 1920
Beeman, Edwin E., 1846
Beers, Frank, 1071
Behane, Jeremiah, 1843
Bell, Edward O., 289
Bell, Marguerite, 1889
Bemis, Charles Vose, 1754
Bemis, Ezra B., 221
Benham, Harvey R., 1041
Bennett, Sterilla A., 1329
Bentley, Benjamin Charles, 328
Berlin, Cicero, 1289
Best, John Ellison, 449
Bigelow, Blake, 1041
Bigony, Franklin W., 221
Billings, Charles Maurice, 954
Birch, Edward L., 702
Birch, George W., 229
Birney, David Bell, 1079
Bittinger, William M., 1942
Blanchard, Asa L., 1943
Blanks, John Harrison, 1502
Bliss, William Amos, 795
Bloom, Almeet H., 2108
Bogdanow, A., 795
Bolman, Christian F., 2020
Bolster, David P., 2173
Bonham, Edgar F., 795
Boone, J. Irvin, 289
Bourne, Henry Marshall, 1670
Bournonville, Augustus C., 2107
Bowker, Charles, 2174
Bowman, Andrew Washington, 289
Bradley, Charles C., 2108
Bradley, David H., 795
Branderee, William Partridge, 447
Brantley, James H., 1942
Breedlove, James W., 795
Brendle, George F., 795
Brennan, Thomas, 629
Brevard, Robert Joseph, 629
Brightwell, Jasper H., 2020
Brooke, Edgar A., 954
Brooks, Rogens, 2107
Brothers, Guy E., 1041
Brownell, Pem C. E., 629
Brown, Alphonso Blekford, 1502
Brown, Ashford, 80
Brown, Daniel Henry, 1041
Brown, Marshall Augustus, 1942
Brown, Paul R., 135
Brown, Sherman T., 1040
Bruner, Pinckney McDonald, 1041
Brunner, William J., 1784
Bryant, John Howard, 80
Buchanan, Samuel A., 289
Buchart, Edward Louis, 1329
Bucher, Frederick C., 1920
Buck, Llewellyn Adelbert, 2172
Buckingham, John Milton, 1122
Buckner, James H., 1845
Bullard, John William, 229
Bullock, William Dell, 80
Burckhalter, Thomas Del., 80
Burdick, Ormond E., 1846
Burnell, Sereno, 702
Burns, George W., 795
Burrows, Sylvester E., 1870
Butler, Cecil A., 954
Cabell, Arthur Grattan, 80
Cable, George A., 1670
Calabozos, Bernardino, 702
Cameron, Craig, 1942
Campbell, J. Y., 1124
Campbell, William S., 702
Carey, Zenas, 1846
Carlisle, Richard Coleman, 795
Carothers, William H., 1503
Carr, Dennis Henry, 1328
Carsaw, William Francis, 1942
Cass, Nathaniel, 795
Cassel, George, 135
Cassidy, William Alfred, 1328
Cavitt, Bonner Hurley, 1395
Cawley, Ernest Guy, 579
Chamberlain, George J., 134
Chamberlin, William E., 289
Champion, C. F., 954
Champlin, Martha, 2173
Channing, William S., 979
Chapman, Edward J., 881
Chapman, George, 449
Chase, Maurice James, 963
Chatterton, Harry Stuart, 290
Chevrer, William Rockwell, 795
Chisholm, James W., 579
Church, R. Connelly, 1319
Claiborne, James William, 1845
Claitor, David E., 1502
Clark, Benjamin, F., 278
Clark, Samuel A., 1943
Clark, Wallace Cleveland, 449
Clark, Wallace R., 135
Clark, William H., 954
Clarke, Abram Irvin, 680
Clarke, Daniel Boone, 220
Clarke, James, 449
Clarke, William Boone, 220
Clarkson, Julius R. L., 134
Claus, William J., 828
Clay, C. L., 1289
Clayton, A. H., 134
Clement, Walter Dansler, 2173
Cline, Jacob P., 134
Clinger, Isaac W. 1503
Clinton, DeWitt C., 1942
Cloud, Robert S., 1754
Cochrane, Charles Albert, 609
Cody, Walter Tate, 795
Cohn, Hermann, 1124
Cole, Palmer C., 280
Colegrove, Clinton, 1889
Coleman, John Robert, 2173
Coleman, Robert S., 220
Collard, George W. A., 1124
Collet, Ira P., 2108
Collier, Wesley, 702
Collins, William T., 1670
Colthar, William E., 2020
Colvin, Charles M., 135
Combs, Albert R., 1889
Combs, James Brown, 609
Comegys, Edward Tilla, 1845
Comstock, Aaron Lyman, 1502
Cone, Thomas E., 1071
Conlan, John E., 220
Conover, Henry Frank, 1920
Cook, John J., 2020
Cooper, Butler, 1920
Cooper, David M., 135
Cooper, Hunter P., 702
Cooper, Joseph W., 1502
Cooper, Luke H., 448
Cooper, R. L., 609
Cornick, William F., 579
Cornwell, Levinus W., 1670
Couper, Joseph E., 795
Courtney, Franklin W., 1328
Cowan, Francis Percival, 1943
Cox, Frederick Wiley, 1502
Cox, Leonard T., 134
Cox, William J., 1124
Craig, C. O., 448
Crair, Robert Christian, 1754
Crain, Robert, 134
Crang, Frederick, 1319
Crenshaw, Octavius A., 1322
Crisp, David H., 1041
Crittenden, Thomas Rockwell, 1319
Crouse, Henry J., 290
Crowder, Edith Warner Cadwallader, 609
Crowley, Timothy Stanton, 1754
Crumpacker, Daniel Stoner, 1071
Cunningham, William, 2108
Curry, Reuben C., 702
Curtis, Thomas B., 279
Cwermak, Jasper H., 134
Dail, Nicholas Gibbs, 1754
Dailey, John Wesley, 1942
Dailey, Samuel George, 221
Davies, Arthur T., 1124
Davis, E. Hewe, 1754
Davis, Robert T., 1670
Davis, Samuel Zimmerman, 134
Davis, William H., 609
Dean, W. L., 1289
Dearborn, Alvah D., 702
Delk, David L., 609
DeLoss, Sarah, 1942
Deming, Henry Hulbert, 1040
de Montbert, A. M. Gustave, 2107
Dever, Isaiah, 135
DeVere, Joseph, 448
Dewberry, J. H., 1502
Dewey, Mary D., 1071
Dexter, Livingston L., 2107
Dickerman, Silas B., 1319
Dickinson, Rollin J., 2020
Didiero, Ira W., 1754
Dix, P. Alvin, 1328
Dodson, Thomas C., 1122
Doggett, Cyrus, 221
Dole, William A., 1041
Donelson, Emanuel M., 702
Dooley, Aldine Joseph, 2173
Doran, William C., 221
Douglas, George, 1395
Dozier, Alexander Thomasson, 881
Drake, Joseph H., 954
Draper, George W., 135
Drew, C. M., 449
Drew, Stanton Blake, 289
Dryer, John W., 1318
Due, Malvern N., 1502
Duffney, William R., 2173
Dunbar, Frank Harvey, 963
Dunn, Harvey, 1124
Dunnington, Reuben C., 448
Eaton, Thomas Jefferson, 280
Eavenson, Sarah T. R., 378
Eberhardt, James W., 2020
Eberle, Harry A., 280
Ebert, Charles M., 221
Edgar, Silas Fulton, 221
Edwards, James L., 289
Elder, Guilford Dudley, 1318
Eldridge, Edwin W., 1502
Elliott, Charles Grimsley, 1318
Elliott, Joseph John, 448
Ellis, Daniel S., 609
Emerson, Florence Greenman, 1942
Emerson, Mark, 1260
Emrick, George Monroe, 2108
Enders, Levi J., 1041
Epes, Algernon Sydney, 1502
Ernestrust, John P., 1846
Erwin, David J., 1289
Estes, Melville R., 609
Estey, Henry E., 1754
Evans, Benjamin L., 2172
Everest, E. F., 1846
Ewen, George Washington, 703
Ewing, Frank, 220
Ewing, Silas A., 795
Faber, Charles F., 80
Fahrney, Louis Weltz, 703
Fanning, Frederick W., 1502
Farmer, John J., 1670
Farr, Jefferson C., 795
Fayette, William H., 1671
Fegers, William, 703
Fellows, George W., 954
Fellows, Joseph T., 1942
Felsberg, Paul F., 1502
Ferguson, Everard D., 953
Ferguson, Franklin R., 1920
Ferguson, John T., 135
Ferguson, W. J., 609
Fernald, Samuel, 954
Ferrel, James H., 135
Fincke, Bernhardt, 1503
Fine, Andrew, 1123
Finlayson, James, 1754
Finn, Charles G. Jenkins, 1753
Finn, James A., 881
Firestone, Joseph H., 2173
Fisher, Benjamin F., 1846
Fisk, Melancthon Hogeboom, 2020
Fitts, Allen W., 2107
Fitzgerald, Charlotte, 1319
Fitzgerald, Reginald Juan, 702
Fix, Ira N., 1943
Flagg, N. Jonathan, 135
Flanagan, Peter J., 135
Flanders, Jesse W., 609
Fletcher, Sophronia, 378
Fliesburg, Oscar Alfred, 1124
Flint, Charles R., 954
Foote, Edward Bliss, 1319
Ford, James A., 135
Foreman, Edwin K., 2173
Foster, Timothy S., 1503
Foster, William R., 1122
Frahm, Marie E., 1319
Frank, Finley S., 2020
Frank, Samuel H., 447
Fraser, Archibald, 1671
Fraser, Morris, 2107
Fraser, Louis J., 2173
Fraser, Donald A., 1846
Fregeau, Isidore, 881
French, Harriet S., 881
French, Samuel P., 290
Frost, Hyatt A., 1942
Fry, Joseph Talbot, 1942
Fuqua, William Walton, 1502
Gaffner, Theophilus, 1920
Gaines, Edwin, 290
Gamble, Samuel Wayne, 703
Garand, Narcissus, 954
Garcelon, Alonzo, 2020
Gardiner, Alfred Wild, 2107
Gareau, Roch Raphael, 2173
Garey, Dunnent, 220
Garnett, Thomas N., 280
Garrett, Harry W., 220
Gaunt, Charles Stockton, 609
Gause, Charles A., 2020
Gay, Daniel E., 135
Gay, Isaac, 135
Gay, Neal B., 279
Geddings, Edward G., 134
Gelwix, James M., 2020
Gemmill, Jacob Mytinger, 220
Gerhard, Jerome E., 1942
Gerrow, Thomas J., 629
Giddings, Josiah, 447
Gillard, James, 828
Gilmore, Arnold Phuner, 1318
Gilmore, John N., 1754
Gliddon, Willis C., 279
Goddard, James H., 135
Gossling, Frederick, 2173
Goode, W. A., 609
Goodell, Rollin A., 135
Goodsell, Evander J., 1040
Goodwin, William H., 135
Gordon, Charles Chester, 220
Gordon, John Lee, 1395
Gordon, Joseph P., 702
Gordon, Samuel H., 1754
Goudy, John W. S., 1071
Gould, Charles, 2020
Gould, Henry Austin, 881
Graetzel, Henry F., 881
Graham, Samuel A., 290
Grandfield, Michael, 1846
Grange, James, 703
Gray, John T., 449
Grayson, Thomas Jefferson, 449
Green, Lapsley Yancey, 80
Greene, Clement Clay, 881
Greene, Jerome D., 795
Greene, J. G., 1319
Greene, Lorenzo M., 1845
Greenfield, Melvin P., 703
Greenley, Thomas W., 1846
Greenway, Minerva M., 1319
Gregg, John, 702
Griffee, Howard M., 1671
Grimes, J. Fletcher, 290
Griswold, Walcott Noble, 1318
Grove, Frank L., 702
Grubbs, J. S., 1502
Guisinger, John S., 1754
Gustin, George W., 1671
Gustine, Steven D., 2107
Haischer, Victor, 1319
Haley, J. Garland, 135
Hall, Charles H., 953
Hall, Walter Irving, 1502
Hamilton, Benjamin Franklin, 888
Hamilton, George D., 702
Hamilton, J. S., 448
Hamilton, William C., 954
Hance, Joseph T., 1942
Hand, George F., 1210
Hanley, Richard Rush, 881
Harbin, W. R., 80
Hare, William G. 80
Harmon, James C., 828
Harne, Franklin H., 1754
Harris, Benjamin, 2107
Harris, Howell D., 1042
Harris, Nathaniel Pitts, 1942
Hartshorn, Edward, 448
Harvey, John Andrew, 220
Hatcher, M. G., 1670
Hatfield, George L., 2173
Hathaway, David Gilbert, 1845
Hays, Benjamin E., 881
Hayslett, Andrew Jackson, 2107
Hazard, Albert S., 609
Hazen, David Perley, 1753
Hazzard, Rinaldo P., 1670
Head, Charles Rollin, 80
Heard, John Theodore, 988
Hedrick, John F., 1071
Heiskell, Sidney O., 80
Helper, Harry L., 881
Helsby, Thomas H., 1122
Hempel, Max, 1395
Henderson, Fernand, 2020
Henry John Haazd, 135
Herdman, William James, 2108
Herman, Charles F., 447
Hermod, W. L., 702
Herren, A., 954
Hester, Benjamin Otis, 221
Hewit, Irving Washington, 1671
Hicks, Robert W., 134
Higgins, John Jay, 881
Higgins, Richard T., 1754
Hill, John James, 1846
Hill, William C., 609
Hinds, Byron D., 1670
Hipp, William Harrison, 2173
Hipsh, Jacob F., 1328
Hitzrot, Henry W., 134
Hoag, Guy Dudley, 1319
Hobson, William, 1754
Hoeber, Emil Wilhelm, 1318
Hoehn, Edward, 134
Hoffman, Charles L., 2107
Hogan, Cornelius, 2108
Hogren, A., 1124
Holladay, Adam Uriah, 1395
Holliday, Albert H., 219
Holmes, John C., 795
Holroyd, William H., 221
Honsberger, John, 135
Hopkins, Howard H., 135
Horne, Willis Sims, 220
Horton, David S., 280
Hosken, Joseph R., 221
Houts, William G., 588
Howard, James William, 1503
Howard, John F., 135
Howard, Perry A., 2020
Howe, Chauncey R., 1124
Howell, DeWitt C., 2107
Howell, Joseph L., 221
Howland, Charles P., 881
Hubble, George W., 2020
Hudders, Alva L., 1502
Hudson, Frederick R., 1502
Huggins, Jacob, 2108
Hughes, Emmett, 135

Hughes, Isaac Lemon, 288
Hughey, William Fletcher, 448
Hull, George S., 2107
Hume, Charles E., 2173
Hummell, Charles Carroll, 134
Hurst, D. Asa, 1943
Hurt, Charles David, 702
Hutchason, Rudolph H., 290
Hutchins, Alexander, 447
Hutchinson, M. M. T., 1134
Hynds, Sam Houston, 795
Ingalls, Edmond Church, 447
Ingersoll, Lovias T., 2173
Isaminger, Charles W., 529
Jackson, Noah F., 448
Jackson, Walter Clarke, 1123
Jacobs, Philander, 2106
Jacoby, William, 609
Jaeger, Christopher Anton, 795
Jakay, Charles Edwin, 609
Jameson, Samuel Hunter, 134
Janney, Daniel, 1503
Jansen, Jesse W., 795
Jenkins, John F., 1395
Jenkins, Olin L., 1754
Jerman, Thomas Palmer, 1670
Jobe, Abraham, 528
Johnson, Albert C., 529
Johnson, Ira W., 891
Johnson, Newell M., 448
Johnson, Oscar B., 1319
Johnston, James L., 1503
Jones, Andrew M., 1319
Jones, E. A., 221
Jones, George W. (Iowa) 290
Jones, George W. (Ohio) 892
Jones, Henry Caston, 2107
Jones, Herbert S., 1502
Jones, J. A. R., 448
Jones, J. R., 1396
Jordan, J. F., 220
Joslin, A., 132
Judkins, William, 134
Kane, Henry H., 135
Katzenmayer, Guido, 1396
Keate, Walter, 134
Keathly, Adam S., 280
Keating, A. C., 1845
Keever, James H., 2174
Kehnroth, Carl Henry, 220
Keith, Arthur P., 2050
Kellogg, Theodore De Mont, 220
Kelly, James F., 954
Kendall, Henry Booth, 220
Kenyon, Orman S., 1670
Kerr, William D., 1123
Keula, William H., 609
Keyes, William Richard, 220
King, Albert L., 448
King, J. Stebbins, 2029
Kingsbury, Onslow M., 279
Kirkpatrick, John, 278
Klingberg, Andrew, 891
Knapp, Franklin L., 1943
Knight, Arthur, 1041
Kornitzer, Joseph, 134
Kovats, Edmund, 134
Laird, Frank F., 702
Landers, J. Robert, 2020
Lane, Samuel M., 1754
Lang, Edward R., 1754
Langdon, Walter Ross, 795
Lappon, L., 2174
Larca, John A., 1845
Latane, Thomas, 1754
Lauber, Martin Ludwig, 528
Laurent, Henry A., 1356
Lava, Dudley S., 1503
Laycock, Reuben T., 1502
Lee, Charles H. F., 1942
Lee, William A., 2020
Leech, James L., 891
Leeper, Thomas W., 1846
Leet, Frederick H., 219
Le Fevre, E. R., 1302
Lefevre, John D., 1041
Leigh, John Randolph, 2173
Lewis, Thomas, 1942
Lewis, Thomas Y., 1319
Liddle, Herbert James, 135
Lightfoot, Geo. F., 1040
Ligon, Wilson M., 2108
Lilly, William Henry, 1040
Limes, Jesse L., 2174
Lind, Ernest T., 290
Link, Harvey, 953
Links, Donald Archibald, 795
Lippincott, Samuel Wesley, 1123
Litchfield, Harry, 448
Lively, William M., 134
Livermore, R. Fay, 448
Livingston, Robert R., 708
Locke, Dana A., 1754
Lohr, Walter H., 795
Long, Charles W., 448
Love, John H., 278
Luck, William J., 2108
Lumsden, Pedro M., 2092
Lyngar, Andrew C., 1503
McAfee, William, 960
McAnally, Charles B., 278
McAndrew, Helen, 1503
McCabe, Dennis J., 1041
McCaw, James Brown, 608
McCleary, Thomas F., 2173
McConnell, John W., 2107
McCorkle, J. L., 1503
McCracken, Thomas, 220
McCreary, Thomas F., 220
McCullough, William H., 795
McCurdy, Robert L., 795
McDaniel, A. R., 2020
McDonald, Alexander E., 2029
McDonald, Charles, 448
McDonough, Edward J., 2020
McDow, Edgar R., 1846
McElhinney, Joseph Miller, 1943
McGee, Lobbie, 221
McGregor, Jessie Maclarin, 447
McIntosh, George, 2030
McIntosh, W. A., 290
McIntyre, Hugh Henry, 702
McKinley, William R., 1503
McKinney, George F., 1943
McKnight, Charles Scott, 448
McLaughlin, Daniel Charles, 2107
McLean, Joseph M., 1846
McMullin, Edward R., 1503
McNaught, John S., 1041
McQueeney, Francis J., 1200
McQuesten, Eugene F., 278
McSherley, James L., 1846
Mackey, Charles David, 288
Mackie, George, 609
Mackin, Thomas H., 1788
MacLean, Alexander E., 891
MacMahon, Walter G., 135
MacNider, James, 702
Macpherson, George H., 448
Madigan, Michael Joseph, 1319
Madill, Thomas F., 279
Magel, Frank, 1846
Mahr, John Montague, 220
Mansfield, John R., 1846
Marcus, William Henry, 2029
Marion, Otis Humphrey, 2029
Martin, Ambrose H., 1123
Martin, Annie W., 1671
Martine, Godfrey F., 702
Marvin, Ruth E. Swift, 1846
Maslowsky, Felix, 609
Mason, George W., 529
Masterman, Benjamin H., 1503
Matthews, George W., 1753
Matthews, John Barnett, 1882
Matthews, Joseph Baxter, 1753
Maurer, John, 1846
Maxwell, Joseph Wylie, 1396
Meengs, Peter C. 1396
Melsburger, William, 2108
Memelsdorf, Alexander, 447
Mendenhall, Scott, 1503
Merklen, F., 1503
Meyer, Alfred Edward, 2107
Millen, Samuel Rutherford, 220
Miller, Andrew J., 448
Miller, Ernest J., 1846
Miller, George S., 1754
Miller, James C., 1134
Miller, J. F., 448
Miller, John H., 1942
Mills, Hiram R., 2029
Milton, Harvey Oliver, 1753
Minshall, Samuel W., 2173
Mitchell, John T., 448
Mitchell, Lewis R., 1754
Moffitt, James, 1209
Montmarquet, Joseph D., 2173
Moore, Edmund, 1503
Moore, George B., 1846
Moore, Henry H., 1943
Moore, Spurlwin, J., 1943
Moracbe, G. A., 1134
Morehouse, Frank H., 1671
Morris, Austin Flint, 702
Morris, Julius A., 1846
Morrison, John, 448
Morrison, Robert L., 1395
Morse, Edward E. 2173
Morton, J. Thompson, 891
Mull, Joseph C., 1503
Mullaney, Thomas J., 1502
Mullins, William Scott, 1319
Munn, James H., 1041
Murphy, Jane Hammond, 952
Musgrove, Charles W., 891
Musser, Henry Elmer, 1209
Naret, Edward Linden, 1670
Nash, Joseph D., 2173
Neely, Shaw F., 278
Neil, William, 708
Newburgh, Jonas S., 1943
Nichols, Edgar H., 1670
Nicoll, Leonard Francis, 1943
Nidelet, Sylvester L., 1670
Niles, Augustus, 278
Northrup, Lorenzo, 290
Oates, William M., 1041
Oatis, Charles E., Jr., 1396
O'Brien, Thomas Francis, 135
Obat, H., 30
O'Daniel, W. A., 702
Odlorne, Walter B., 289
Odlin, Charles Cushing, 2173
O'Donnell, Charles C., 448
O'Dwyer, Joseph P., 1846
Oleson, Charles Wilmot, 2029
Ong, Albert R., 1123
Orr, Adam, 1134
Osborne, James Ambrose, 891
Otis, William K., 1123
Overholt, Daniel W., 1671
Ovyannikoff, P., 135
Owen, E. T., 1943
Owen, Harvey Donnel, 1396
Owens, Frederick J., 702
Packwood, William Jasper, 1134
Page, Melvin E., 608
Parris, David C., 448
Patterson, Armstead Jackson, 702
Paul, Cosmeyra, 448
Paul, Mike H., 2030
Payne, Edwin B., 1041
Payton, Thomas B., 2173
Peabody, James H., 608
Peck, George, 448
Peltier, Pierre Desnoyers, 278
Pelton, Jonathan O., 702
Pennington, Lot S., 609
Perkins, Edward D., 795
Perkins, Edward W., 952
Perry Albert F., 290
Perry Carl Dix, 220
Peterson, Verne E., 2173
Pfeffer, Charles W., 1134
Phelan, Thomas F. M., 1123
Philips, William Copeland, 2029
Pierce, Charles Oniley, 609
Pinckney, Samuel G. Courtney, 1041
Pingree, Merrill Gaylord, 1209
Piper, Albert F., 279
Pirnat, John, 1319
Plummer, Joseph W. V. R., 702
Poehler, Frederick C., 448
Pond, Frederick L., 1943
Popow, L. V., 2174
Potter John Donelson, 279
Power, Harrison H., 1503
Pratt, George Wellege, 1395
Pratt, N. A., 1670
Preston, Robert J., 702
Prichard, John C., 2175
Purcell, William D., 2173
Quick, John M., 1395
Quinn, Joseph Francis, 2107
Ramsey, Arthur, 1846
Ramsey, Samuel, 609
Rauch, Henry, 529
Ray, Peter W., 1942
Reau, David, 891
Reed, George M., 1041
Reed, Laurin Williams, 1670
Reeve, James Theodore, 1788
Reilly, John W., 220
Rice, John A., 702
Rice, Ruel Dwight, 1882
Richard, Frank, 220
Richardson, Francis M., 1846
Richardson, Josiah, 221
Ridout, Arthur C., 279
Rittenhouse, George E., 1123
Rivas, Isaac, 221
Robbins, Alfred H., 1215
Roberts, Frederick A., 708
Robinson, W. J., 1319
Rodman, Harry Heth, 1788
Roncati, F., 1788
Ronga, Guiseppe, 194
Rooney, John J., 2108
Rood, Vernon D., 1882
Root, Henry Ashley, 1882
Rosenthal, Isaac M., 1670
Ruad, G., 2174
Routh, Walter W., 1209
Rowe, Alma Lautenshauser, 609
Rowe, Jeremiah Wesley, 134
Rugen, Henry H. 1846
Ruggles, Charles Augustus, 952
Rumell, Charles F., 1502
Rumell, Julia Wallace, 220
Rust, Charles Manning, 2107
Rutherford, James Napoleon, 702
Rye, Charles, 448
Sample, Samuel R., 1219
Sanford, Richard, 1134
Savage, James William, 1209
Schatelowitz, Robert, 220
Schaudinn, Fritz, 135
Scheiber, George S., 1671
Schemeltzer, Albert Paul, 1219
Schmidt, John H., 448
Schmitz, John Peter, 220
Schmole, William, 2030
Schneck, Jacob, 2173
Schuessler, Frank W., 1503
Scobell, Eva M. L., 1134
Scott, J. T. H., 795
Scott, Samuel Burks, 448
Scott, Thomas J., 1319
Seaman, George D., 2174
Seastrunk, T. R., 795
Selman, Frank W., 1041
Selover, W. Updyke, 1088
Sessions, Llewellyn, 1754
Sexton, Millard F., 280
Seymour, James D., 954
Sganga, Pietro, 1396
Shackelford, John F., 219
Shackford, William H., 1319
Shacklett, Henry R., 529
Shafer, William, 1754
Shamblin, John, 2174
Sharp, James D., 1396
Sheldon, Henry Lawrence, 2107
Sheldon, Jay W., 288
Shemwell, Jesse R., 1209
Shepard, John L., 702
Sherman, Austin B., 2173
Shoulters, George H., 2172
Showman, Charles L., 608
Shrader, John C., 1846
Simpson, John B., 1210
Simrock, Joseph W., 1503
Sinclair, Duncan, 1503
Sitton, Felix Grundy, 2107
Skinner, Daniel H., 1123
Skinner, William T., 1209
Skinner, William Wallace, 221
Slagle, Columbus G., 891
Sloan, Alexander C., 2029
Smallwood, Francis M., 1319
Smith, Charles C., 220
Smith, Biggins C., 1123
Smith, Ira, 1846
Smith, Jeremiah F., 1671
Smith, John Greer, 2029
Smith, Melvin Roscoe, 134
Smith, Simeon E., 2174
Smith, William A., 954
Smith, William Armistead, 954
Smith, William K., 2175
Snoddy, Virgil, 1942
Snyder, Calvin Dafford, 608
Snyder, Jerome B., 1216
Solly, S. Edwin, 1845
Southgate, Robert W., 1943
Spafford, George H., 220
Spalding, Lyman Hatton, 1216
Spaulding, Charles Lester, 135
Specht, Frans George J., 1846
Spring, Clarence C., 1754
Stanley, J. C., 2174
Stansell, Joseph A., 702
Stanton, David S., 1671
Stark, Mary E. Bostwick, 609
Starkel, Louis C., 1942
Stevens, George Willard, 289
Stevens, Ithiel Silsby, 952
Stevenson, Thomas, 1882
Stewart, James, 1396
Stewart, George E., 1502
Stewart, Moses, 1216
Stockton, John W., 1503
Stockton, Leander D., 1754
Stoke, John, 954
Stone, James Avery Mattison, 2173
Stoney, Randell Croft, 1395
Storch, August R., 2107
Strachan, David Clark, 289
Strauss, Louis L., 1942
Streets, David R., 289
Stringham, James M., 279
Strother, Cornelle B., 1754
Stryker, Isaac Edward, 1754
Sturgeon, Robert H., 1209
Sullivan, William D., 1395
Sutherland, William R., 1942
Sutton, Noah E., 1942
Swarts, West Jacobs, 284
Tabb, Robert Brown, 1845
Taft, Albert H., 279
Talbert, Aaron V., 1041
Tanner, John Alexander, 129
Tanton, Percy Linwood, 2029
Tarrant, J. B., 960
Tarver, Fleming G., 1396
Taylor, Charles R., 2107
Taylor, Francis Perley, 1123
Taylor, George W., 1134
Taylor, William Edwin, 795
Ten Eyck, John Adams, 2029
Terry, William A., 289
Thatcher, Henry C., 891
Theyre, Rudolph, 2029
Thomas, Thomas C., 279
Thompson, George A., 134
Thompson, George P., 289
Thompson, Samuel, 529
Thompson, W. M. Marshall, 1670
Thorley, John David, 2107
Thornton, Joseph Lyle, 1041
Thruston, Stephen Decatur, 1845
Tilton, Henry Rosson, 135
Tinker, Charles A., 289
Todd, William E., 1209
Tomaselli, R., 795
Tomas, Alpheus, 2107
Tovar, Charles G., 134
Townes, George W., 1754
Townsend, George Frederick, 2107
Treat, Horace J., 2174
Trent, John Henry, 2107
Troughton, W. F., 189
Trull, Frederick Warren, 289
Tufts, Edward G., 289
Tulloch, Forbes, 50
Turner, Sylvester W., 2107
Uts, Sherman S., 289
Vance, William Octah, 702
Van Ghoren, Ludwig H., 289
Vann, Andrew J., 954
Van Ness, Eugene, 1209

Van Sandt, H. G., 1219
Van Syckle, Sylvester, 2172
Van Tuyl, William R., 782
Van Wagoner, Herbert J., 134
Varick, William Wilson, 958
Vasmuit, Theodore E., 1306
Vetter, Gustav, 1302
Vierordt, O., 1124
Vincent, A., 669
Von Der Lohe, Amelie D. F., 370
von Hellwart, Isidor Neumann, 954
von Rothmund, A., 1758
Wagar, Percy Earnest, 954
Wales, Philip Skinner, 1040
Walker, Albert L., 1124
Walker, Isaac C., 1302
Wallace, Hugh, 289
Wallace, William F., 954
Walradt, William A., 954
Walter, Barnett C., 221
Walter, John, 1042
Ward, Alva P., 953
Watkins, William B., 881
Watts, Samuel R., 2029
Watson, Eugene G., 1306
Weaver, Charles Chandler, 1671
Weaver, John Henry, 881
Weeks, Wanzor Wilson, 953
Weinlechner, J., 1583
Weinsberg, Herbert A., 134
Weir, James, 529
Weir, Virgil, 1302
Weiser, Henry R., 2173
Weitenberger, Anthony J., 1306
Wells, Hiram Jefferson, 1754
Wenchcke, Carl, 1670
Westerfield, John Harris, 795
Wetmore, Howard Graham, 609
Wetton, Charles, 1042
Whaland, Charles Tylden, 609
Wharton, Eugene V., 2030
Wheeler, Edward A., 1041
Wheeler, Elliot H., 1670
White, L. E., 1219
White, Leonard Darling, 1040
Whitefoot, Robert Mills, 447
Whitfield, Alston Jones, 2107
Whitlock, Albert, 881
Wilcoxson, Clark R., 1754
Wilkinson, J. J., 1124
Willard, James, 449
Willard, Louis H., 447
Williams, Denard A., 220
Williams, George A., 1219
Williams, Thomas J., 1041
Williamson, Charles Samuel, 1306
Willson, Henry Clay, 134
Wilson, G. W., 1129
Wilson, J. Greenwood, 1041
Wilson, Jeremiah C., 1754
Wilson, William A., 529
Winchell, Harvey R., 1219
Wise, Joseph, 2174
Wolfe, Joseph R., 449
Wolfe, William H., 220
Wolfgarten, Joseph, 954
Womersley, Edward E., 529
Woodrow, Orlando Miller, 881
Woodward, Harriet A., 449
Woolfolk, Ernest, 881
Wooten, Thomas Dudley, 220
Wright, John Franklin, 135
Wright, Joseph C., 220
Wulff, Edwin Jacob, 1754
Yale, Leroy Milton, 953
Yarrow, Thomas J., 135
Yerex, David H., 580
Young, Parke G., 1306
Zabludowsky, J., 2174
Zimmerman, Carl Frederick, 370
Zimmerman, George Michael, 529

E

Ear affections and mental disturbances, 1416—ab
anatomy of, a criticism, 879
anatomy of internal, in animals and birds, 1407
and mastoid, tuberculosis of middle, 1288—O
and nose, acute and chronic suppuration of, direct cause of facial erysipelas, 2092—O
artificially induced hyperemia in suppuration of, 1092—ab
disease, psychical importance of, 1137—ab
diseases, intranasal conditions bearing on etiology of, 1138—ab
odor as guide in treatment of chronic suppuration of middle, 1723—O
surgery for, 814—ab
treatment of intracranial complications of middle, suppuration, 1289—O
Earp, S. E., two atypical cases of smallpox, 1484—O
Ears, functional derangement of, and upper air tract in insane, 826—ab
Eating, science and art of, 1108—E
should we sleep after, 1859—ab
Eclampsia, 1852—ab
at Olshausen's clinic, 1338—ab
Eclampsia, lumbar puncture in, 1142—ab, 1233—ab
obstetric treatment of, 213—ab
prophylactic treatment of puerperal, 859—ab
Eclampsia, puerperal, thoughts on, symposium on, 722—ab
three cases of, with recovery without delivery, 2121—ab
treatment of, 1142—ab
veratrum viride in, 721—ab
Economics, tuversical, 194—O
Eczema, 864—T
etiology of, 513—E
etiology and treatment of, 1515—ab
ocular, 716—T
ocular, in children 151—ab
sketch of process and its management, 1512—ab
Edema, experimental pulmonary, 1324—ab
pulmonary, 896—ab
Edsall, D. L., attitude of clinician in regard to exposing patients to x-ray, 1425—O
Education as factor in prevention of criminal abortion and illegitimacy, 1859—O
entrance requirements, 857—O
higher standard urged, 1679—ab
medical, in London, 1111
medical, in United States, 899—E
notes, 597
standards of medical, adopted by American Medical Association, July, 1906, 627
standards of preliminary, 1922
Edwards, E. G., poisoning from oil of tansy, 927—O
Effusion, treatment of pleural, 1221—ab
Effusions and exudates, cytology of, 242—ab
differentiation of pleural, from pneumonia, 240—ab
Egdahl, E., study of blood in Basti's disease before and after splenectomy, 1149—ab
Einhorn, M., dietetic treatment of diabetes mellitus, 2143—O
Eisendrath, D. N., plea for more radical operations in cancer of lips and tongue, 893—O
Elbon Joint, injuries of, with report of cases, 173—O
Electric signal for wet diapers, 925
Electricity in treatment of disease, 1785—ab
Electrolysis in treatment of deformity due to stricture of Eustachian tubes, 896—ab
Elephantiasis, enormous, of both legs surgically treated, 2228—ab
nervorum of scalp, 1415—ab
non-parasitic, secondary to chronic cardiac disease and repeated edema of, 1429—ab
Eliot, President, on future of medicine, 1382—E
Elixir cupesin, 1695—P
of life, 1695—O
saw palmetto, 1697—P
simplex, as wrongly-used vehicle, 585—E
Ely, T. C., neurasthenia as modified by modern conditions, and their prevention, 1816—O
Emaciation, treatment of, 558—O
Embolism and thrombosis of mesenteric vessels, 1429—ab
of pulmonary artery in typhoid, 216—ab
of superior mesenteric artery, 2044—ab
Emergencies, doctors and medical, 870
treatment of surgical, 1338—ab
Emphysema and bronchitis, respiratory treatment of, 1826—ab
Employer, duty of, 1359—MI
Empyema in children, 1221—ab
of gall bladder, 1417—ab
of pleura, 49
sufficiency of simple intercostal incision in acute, 208—ab
Empyroform, 1697—P
Encephalitis, acute non-suppurative, in children, 1184—O
Encephalocele, frontonasal, 1329—ab
Endocarditis, muscular rheumatism and, 2027—E
septic, 1767—ab
Endometritis, 144—ab
fetid, purulent atrophying, 1338—ab
Endothelioma of throat, 229—ab
Endotoxins, soluble, of typhoid, plague and dysentery, 971—ab
Enemas, retained, 843—ab
Enemator, new rectal, 978—O
Engelbach, W., polycythemia, 1985—O
England, J. W., use of sodium citrate as modifier of cow's milk, 1241—O
English, bad, 1579, 2108
Enno Sanders prize, award of, 988—ab
Enteric fever, treatment of, with typhoid vaccine, 1382—ab
Enteritis, avoidance of, during mercurial treatment, 1772—ab
membranous, 644—ab
Enterocolitis, dietetic treatment of, 1308—ab
medicinal treatment of, 1308—ab
Enteroptosis, surgical treatment of, 158—ab
Enucleation, uncalled-for disfiguring operations resulting from failure to recognize accessory sinus disease, 1092—ab
Enuresis, 68—T
Environment, heredity and, as factors in life and diseases of children, 76—O
in therapeutics from standpoint of physiology, 1854—ab
Epicarin, 1697—P
Epidermal fibrilla, study of, 989—ab
Epidermolysis bullosa, 683—ab
Epididymitis, operative treatment of acute gonorrheal, 1414—ab
prevention of, 1955—ab
Epilepsy, 799—ab, 1359—T
borderland of, 206—ab
convulsions in children and their relation to, 1231—ab
note on peculiar attitudes in, during sleep, 1329—ab
of reflex origin, 1938
103 cases of, 1227—ab
operative treatment of genuine, 1334—ab
prize essay on, 1859
salt-free treatment of, 1321—ab
staining cerebral nervous system and relation of, to central nervous system, 799—ab
Epileptic colony, an act to establish, 2119—MI
colony in Scotland, 1110
fits, cessation of pulse during onset of, 542—ab
symptoms, importance of early diagnosis and treatment of, 2159—ab
Epileptics, affections of spinal cord in, 1717—O
as automobilists, 1881—ab
coagulating power of blood serum in, 2043—ab
colonies for, 941—E
Epithelial proliferation, experimental production of atypical, in relation to carcinoma, 1586—E
Epitheliomas, benign cystic, 1147—O
of lip, 615—ab
of tongue, operation by McCormick's method, 1687—ab
of tongue with secondary growths in glands of neck and liver treated by x-rays, 1926—ab
surgical treatment of, 454—ab
total laryngectomy for recurrent, of larynx, 602—ab
treatment of, by caustic potash, 720—ab
treatment of, with Finsen phototherapy, 903—ab
x-ray treatment of, 455—ab, 893—ab
Epworth, the, and symptoms in medicine, 1304—E
Equipment, San Francisco physician's, 221
Ergot, therapeutic value of, 206—ab, 1805—P
Erlanger, J., recent contributions to physiology of circulation, 1243—O
Erysipelas, 458—T, 637—T
acute and chronic suppuration of ear and nose direct cause of facial, 2092—O
intrauterine, 1776—ab
of lungs, 244—ab
Erythema nodosum, 1858—ab, 2130—ab
of mucosa, in relation to syphilis, 2177—ab
Erythrol tetranitrate, 1697—P
Esmarch chloroform inhaler, modification of, 855—O
Esophagus, cancer of, communicating with right bronchus in which there was complete absence of usual symptoms, 210—ab
carcinoma of upper end of, with perforation into trachea, 826—ab
closure of, from stomach, 978—ab
examination and surgery of upper end of, 1695—O
improved technic of radioscopic examination of, 1217
median incision of, 1517—ab
morphin in treatment of stenosis of, 1143—ab
peptic ulcer of, 866—ab
retrograde current in, 1141—ab
spontaneous rupture of, 959—ab
stricture of, treatment of traumatic, by dilatation, 539—ab
Ether air anesthesia or drop method for administration of ether, 1699—O
day, 1189—E
anesthesia by rectum, 220—ab
operations during first whiffs of, 2045—ab
Ethyl-chlorid anesthesia 607, 2026—ab
as general anesthetic, 1655—O
as general anesthetic in minor operations, 526—O, 607
Ethylenediamine, 1697—P
Eucain, 1697—P
Eucaindin, 1697—P
Eucasmul, 1126—P
Eucalyptus trees and malaria, 1755
Eugallol, 1126—P
Eumydrin, 1126—P
Euphoria, 1126—P
Eupublamin, 1126—P
Euquinin, 1126—P
Eurosol, 1284—P
soap, 1704—P
Eusoaphen, 1194—P
Everhard, E. S., case of excitation with spontaneous improvement, 265—O
Evidence, admissible, as to value of physician's service, 1052—MI
in action by physician against administrator, 1465—MI
non-expert, where insanity is defense to crime, 232—MI
testimony and, in medicine, 1388—O
Evil, etiology of social, 2075—O
relation of medical profession to social, 2—E
Examination for higher medical certificate in France, 857—E
Examiners, dates of meetings of, 1852—MI
Experimental pollution, bacteriocopic analysis of, 1709—ab
Executor, power of, of will to waive privilege, 717—MI
Exercise and sleep, influence of rest, on gastric digestion, 826—ab
effect of, on strictures, on heart and kidneys, 1380—E
Exercises in treatment of spasmodic paraplegia, 226—ab
Exhibiting persons with explanations by physician, 1134—MI
Exophthalmic-goiter, 1859—ab
cardiac neurosis and, 1859—ab
clinical study of 80 cases of, 2178—ab
dietetic treatment of, 1084—ab
diphtheria antitoxin in treatment of, 1486—O
from standpoint of serum therapy, 2026—ab
heart in, 1946—ab
medical aspects of, 145—ab
new eye symptom in, 222—ab
pathology of, 1140—ab, 1852—ab
report of two cases of, in man, 1561—O
Roentgen treatment of, 1859—ab
serum having therapeutic value in treatment of, 681—O, 719—ab
surgical treatment of, 852—O, 1335—ab
symptomatology, diagnosis and medical treatment of, 1131—ab
therapy of, 1771—ab
therapeutic value of antithyreoidin in treatment of, and kindred affections, 153—ab
treatment of, with serum from thyroidectomized goats, 79—ab
Exophthalmos in leukemia, 2175—ab
pulsating, ligature of common carotid, external carotid and superior thyroid arteries, 147—ab
Expectancy, elements affecting, of life and damages for injuries, 1783—MI
Expectorating, prohibits, in public places, 1219—MI
Experiments, limitation of, in hospitals on patients, 823
Extremities, Bier treatment of infections and septic wounds of, 1512—ab
Exudates, pleuritic, in children, 1296—O
Eye, accommodation after middle life, 1222—ab
affections of, in relation to pelvic disorders, 1856—ab
acute glaucoma following instillation of several drops of adrenalin in cataractous, 686—ab
bacteriologic examinations of conjunctival sac in typhoid and in pneumonia, 1417—ab
ball, pathogenic bacteria of, 324—O
ball, treatment of perforating, infected wound of, 976—ab
conjugate, lateral deviation of, 480—O

Eye diagnostic significance of reflexes, 241—ab
diagnosis and treatment of injuries of, 144—ab
differential diagnosis and prognosis of tumors of uveal tract of, 409—O
droppers, improvised pocket-case for, 777—O
foreign body retained in orbit for nearly four years, 724—ab
importance of early recognition and treatment of sepsis, 1321—ab
inflammations, external, of doubtful origin, 1594—ab
injuries to, with birdshot, 421—O
instillation of pure carbolic acid into, 27—O
localization of foreign bodies in with x-ray, 889—ab
ocular factors in etiology of spinal curvatures, 450—ab
ocular injuries from foreign bodies in, 770—O
old and new in therapeutics of, 301—ab
ophthalmic practice of present time, 685—O
palliative surgical operations on in shocked dog, 1383—E
paraffin plates as aid in operations on for extensive symblepharon, 570—O
pupil reflexes originating in viscera, 1584—ab
quinin-caffein treatment of, for hay fever, 2044—ab
relation between suppurative sphenoidal sinusitis and intracranial inflammations of, 2005—E
relation of smoke-laden atmosphere to diseases of, 284—ab
so-called leucocarcoma of iris of, 419—O
some axioms concerning ocular rotations of, 353—O
staining and examination of bacteria of, by practical methods, 89—O
strain and crime, 989—ab
headache and, 1521—O
incurable, 734—O
physical disturbances in distant parts of the body due to, 1597—ab
striking idiosyncrasy to use of cocain in, 1468—O
study of convergence and its effects, 675—O
study of 3,428 cases of senile cataract, 1765—ab
sympathetic ophthalmia, 1222—ab
treatment of opacity of cornea by physical agents, 612—ab
treatment of progressive atrophy of optic nerve due to syphilis, 923—O
value of x-rays in ocular therapeutics, 994—O
vision double, 2171
visual tests for public services, 1229—ab
wood-alcohol amblyopia, 1229—ab
Eyes, relation between thyroid and, 1131—ab
v. Erdorf, R. H., personal experience in preventing spread of yellow fever, 11—O

F

Face lotion, 1629—O
Factors which have lowered operative mortality and have improved postoperative results, 1219—ab
Factory, dangers of, 138
Fakirs, treves-ing, a remedy, 2171
Fat, absorption, in intestines, 975—ab
splitting of, in stomach by action of ferment, 975—ab
Fats, analogies between phosphorized, obtained from brain and kidney, 227—ab
study of absorption of, in infants, 1586—ab
Fault, whose? 949—P
Feces, examination of, of 25 starch-fed infants, with clinical observations, 1227—ab
incontinence of, following operation for fistula in ano, 452—ab
Feeding, physiologic limitations of rectal, 1854—ab
principles of, in typhoid and other fevers, 234—ab
sodium citrate in infant, 1060—O
some unheeded principles involved in dietetic management of infant, during hot weather, 998—O
trend of pediatric opinion concerning artificial, of infants, 1083—O
Fee table, American Roentgen Ray society, 889—ab
Fees, keep up, 962
medical, in country practice, 1085—O, 1498, 2122—ab
Fees, insurance examination, 436—E, 697, 1674—ab
insurance, societies take action on, 48
recent reduction in insurance, 48
Feet, brace to aid in treatment of flat or weakened, 993—ab
static disorders of, 145—ab
treatment of faulty weight-bearing in weak and flat, 2123—ab
Femur, treatment of fractures of, 581—O
treatment of intracapsular fracture of, 1755
Fenwick, E. H., vital points in technic of suprapubic enucleation of prostate for benign enlargement, 1151—O
Fergus operation for ptosis, 1526—ab
Ferguson, A. H., indications for prostatectomy and results of operation, 1153—O
Ferrichthyol, 1194—P
Ferripyrine, 1194—P
Ferropyrine, 1194—P
Ferro-silicon, poisoning from emanations of phosphin from commercial, 951
Fetation in closed accessory horn of uterus, 972—ab
Fetus, age of, 2129—ab
dystocia from cystic kidney in, 2121—ab
palpation to find position of, 1090
transmission of kidney changes to, 548—ab
Fever, glandular, 229—ab
puerperal, and monument to Semmelweis, 1220—E
puerperal, ligation of pelvic veins in pyemic form of, 1891—ab
puerperal, treated by uterovaginal drainage, 629—ab
should cold baths be given for, in young children? 450—ab
tertiary syphilitic, 244—ab
utility of saline solution in treatment of, 1552—O
Fevers, mistakes in diagnosis of, 1032
Fibroids, uterine, 1881—O, 1998—O, 2085—O
uterine, associated with gallstones, 1259—O
uterine, complicating pregnancy, 1127—ab
Fibroma, small, of ileum resulting in obstruction of bowel, with consideration of various forms of benign intestinal tumors, 1512—ab
Fibromata, 144 abdominal hysterectomies for, 1233—ab
Fibromyoma, cystic, of uterus, 1332—ab
Fibromyomata, malignant complications and degenerations of uterine, 527—ab
Fibromyxoma, multiple, of tongue, treated with trypsin, 2005—O
Filariasis, 1683—ab
Filigree, five year's experience with original, method to prevent and to cure abdominal hernia, 754—O
Fingerprints, identification by, 1647-ab
system of personal identification by, recently adopted for the U. S. Army, 1175—O
Finsen light, action of, on normal skin, 1772—ab
phototherapy, treatment of epithelioma with, 958—ab
Firearms, effects of Japanese, 1043—ab
First aid packet, new, 697—ab
degree, report of committee to investigate comparative value of, in medical colleges, 229—ab
Fisher, J. T., types of insomnia and treatment without drugs, 1825—O
Fistula, aneurism of arch of aorta producing a broncho-esophageal, 1684—ab
in ano, incontinence of feces following operation for, 452—ab
transperitoneal operation for, (30) 1060
treatment of postoperative, by vaccines according to Wright's principle, 1601—ab
Fistulas following gastric ulcer, 901—ab
locating, in lower intestinal tract by injecting hydrogen-dioxid through anus, 111—O
new and improved method of closing vesicovaginal, 539—ab
passive congestion in treatment of tuberculous, 1143—ab
Flat residence and insanity, 1600—E
Fletcher, M. H., what is the effect on progeny of loss of teeth in ancestry? 191—O
Flexner, S., experimental cerebrospinal meningitis and its serum treatment, 1295—O
Flint Medical College, record of graduates of, 792
Flint, retirement of Prof. Austin, 288
z-acids medical news, 250, 388
October report, 1951
Fluid, cerebrospinal, in congenital syphilis, 1093—ab
Fluoroscopic examinations, substitute for dark room during, 1468—O
in diagnosis of aneurism, 687—O
Food adulteration, 1751
adulteration in New South Wales, 444
and food preservatives, 899—ab
boric acid in, 580
inspection and supervision, 66, 958—ab, 1629
inspection, improved system of, 2022
national supervision and standardization of, 1371—O, 1515—ab
preservatives in, 969—ab
preservatives, legislation regarding, 1515—ab
products, coloring matter in, 2023—P
prohibits adulterating or misbranding drugs and, 1024—M1
sailor's, 966—ab
values, new method for indicating, 128
Foods and breadmaking, regulations governing coloring of, 821
and scurvy, preserved animal, 39—E
patent medicines and artificial, in America, 1294—P
some kitchen tests to detect adulteration in common, 1956—ab
Football fatalities, 1102—E
pathology, improvement in, 1921—E
Foot, deformities of arch of and toes, 1332—ab
method of taking impressions of weight-bearing surface of, 1587—ab
prosthetic appliance for use after partial amputation of, 1739—O
Foote, C. J., phene-bromate, 125—O
Forceps, a modified artery, 76—ab
new method of applying obstetric, 2121—ab
Foreign bodies and Roentgen examination, 1145—ab
medical news, 45, 122, 214, 283, 372, 444, 516, 602, 664, 730, 809, 947, 1031, 1110, 1285, 1312, 1389, 1468, 1575, 1665, 1750, 1840, 1922, 2021, 2101, 2169
Forgeries, medical, 2104
Formaldehyd, detection of, in milk, 1468
disinfection, 120, 286, 822, 962, 1042, 1512—ab
in smoked meat, 1840
liberation of, from watery solution by calcium carbid, 2110—ab
Formalin, 1194—P
tablets, improved, for biologic test, 642—ab
Formin, 1194—P
Formulary, national, 1295—O
Foster, C. L., two cases of infection with tenia nana in Philippine Islands, 698—O
Fourth-of-July, aftermath of, 321
antitetanic serum in, injuries, 880—O
injuries and tetanus, 895—O, 512—E
Fracture, compound, of patella. Tabulation of all fractures in Boston City Hospital in forty-two years, 1893-1935, 1
of anterior superior spine of ilium by muscular action, 1895—ab
of base of skull resulting from direct violence through inferior maxilla, 1049—ab
of femur, treatment of, 581—O
of lower extremity of ulna as factor in Colles', 587—ab
of olecranon, 727—ab
of patella, treatment of, 1177—O
of upper end of tibia from indirect violence, 483—ab
spikes for external prothesis in complicated, of leg, 158—ab
supracondyloid, of humerus, 1329—ab
treatment of intracapsular of femur, 1753
treatment of, of inferior maxilla with description of a splint, 854—O
Fractures, functional treatment of, 725—ab
in insane, 1213
modern treatment of intracapsular, 1658—ab
new method for reduction of, of lower extremity, 144—ab
new splint for, of humerus, 988—ab
old, of tarsus, 887—ab
open treatment of, 66—ab
treatment of, 1676—ab, 1760—ab
Fractures, treatment of ununited and compound, with bone pins, 1507—ab
union of, 2041—ab
France, examination for higher medical certificate in, 587—E
war against venereal diseases in, 1249—O
Franklin's, Benjamin, views as to nature of colds, 291
Franz, S. I., observations on functions of association areas (cerebrum) in monkeys, 1464—O
Fraud and deception connected with so-called cod-liver oil preparations, 1207—P
how they humbug the dear people in Italy, 1311
Frauds, interstate reciprocity and, in medical schools, 978, 1118
Frazier, C. H., cerebral decompression, 672—O, 744—ab, 849—O, 893—O
Freeman, L., treatment of tuberculosis of kidney and bladder by nephrectomy, 1247—O
Freer, O. T., some recent rhinologic achievements and tendencies, 193—O
Fremitus in pneumonia, 427—ab
French and German, study of, for medical students, 1111
v. Frey M., distribution of afferent nerves in skin, 643—O
Fuller's earth, treatment of cholera and various bacterial affections with, 2110
Fullerton, E. B., quinin treatment of cholera, 1952—O
Functional disorders, an important factor in examination and treatment of many so-called, 2005—ab
Funke, J., tumors of carotid gland, 409—O, 598—O
Furniture makers, gastric tumors in, 1317
Furuncles, carbuncles and phlegmons, treatment of, 1932—ab
Fussell, M. H., dispensing versus prescribing, 1479
Fussell, M. H., value of routine urine examination, 328—O

G

Gage, G. E., fluoroscope in diagnosis of aneurism, 687—O
Gallant, A. E., success; surgical desideratum, 1387—O
Gall-bladder and bile passages, review of 1,200 operations on, 148—ab
colic, 2195—ab
diseases, and gallstones from standpoint of physician, 926—O
empyema of, 1417—ab
multiple ulcers of, 71—ab
Gallogen, 1194—P
Gallstone affections, treatment of, 1601—ab, 1932—ab
disease, medical treatment of, 847—O
ileus, 1691—ab
patients, rest in open air for, 643—ab
Gallstones and gall-bladder diseases, from standpoint of physician, 926—O
intestinal obstruction due to, 1219—ab
medical treatment of, 221—T, 1675
of large size, passed by rectum, 642—ab
some cases of, 1771—ab
uterine fibroids associated with, 1259—O
Gangosa, 1160—O
Gangrene and appendicitis considered as separate diseases, 641—ab
pulmonary, following submersion, 1959
Garceau, E., treatment of tuberculosis of urinary tract in women, 1446—O
Garcia, death of Manuel, 45
Gastric acidity, relation of excessive, to gastric symptoms, 626—O
affections, ineffectual courses of mineral waters in, 1984—ab
and duodenal ulcer, etiology and diagnosis of, 949—O
and duodenal ulcer, medical treatment of, 845—O
and duodenal ulcers, 849—O
cancer, blood in, 1219
cancer, diagnosis of, 1681—ab
juice, relations between, and intestinal putrefaction, 1234—ab
juice, secretion of, 1032—ab
neuroses (nervous dyspepsia), 231—T
syphilis, 767
tumors in furniture makers, 1317
Gastric ulcer, 14—O, 728—ab, 1676—ab
and cancer, 897—ab

Gastric and duodenal ulcer, surgical treatment of, and its results, 913-O
fistula following, 901—ab
Lenhartz treatment of, at Eppendorfer Krankenhaus, Hamburg, 202—ab
proper limitations of medical and surgical treatment of, 639—ab
results of operative treatment for perforated, 243—ab
surgical treatment of, 1223—ab
treatment of, with record of cases, 838—O
Gastritis, curability of chronic, 1141—ab
Gastroenterostomy and enteroenterostomy, technic of, 78—ab
posterior, extreme gastroptosis, motor insufficiency, epilepsy, apparent cure, 1226—ab
two cases in which, was performed in course of operation for perforated ulcer, 201—ab
Gastrointestinal disturbances associated with migraine, 1512—ab
Gastrojejunostomy, three cases of, 462—ab
Gastroptosis, its treatment, 1323—ab
Gastrostaxis or oozing of blood from mucous membrane of stomach, 1858—ab
Gastrosuccorrhea, two cases of, or gastric hypersecretion associated with atrophic cirrhosis of liver, 719—ab
Gauze, removal of adherent strips of, 1667—ab
Gelatin injections for aneurisms, 461—ab
in mucous neostomas, 2028
method of preserving specimens, 376
General medical news, 45, 121, 215, 283, 372, 444, 517, 602, 693, 788, 868, 947, 1021, 1109, 1204, 1310, 1388, 1497, 1575, 1684, 1760, 1839, 1928, 2021, 2100
Generalizing, vice of, 575—P
Genitourinary organs, congenital abnormality of, 543—ab
Genius, genesis of, 1767—ab
George, S., calcification of vas deferens and seminal vesicles, 908—O
Georgia medical news, 230, 599, 1027, 1190, 1494, 1576, 1653, 2033, 2184
German dermatological society, ninth congress of, 49
German, H. H., modification of simple mastoid operation which shortens convalescence by facilitating wound repair, 1701—O
Germann, M. K., pleuritic exudates in children, 1226—O
Germany, press and quack advertisement in, 127
Germicidal soap, 1195—P
Germicide, alcohol as internal, 600—E
Gessner, H. E., surgical aspects of tuberculosis, 1504—O
Gestation, ectopic, 1404—ab
extrauterine, operation, living child delivered weighing three pounds, 721—ab
obstetric responsibility during, 145—ab
Gies, W. J., mucoid salts, 589—O
Gingivitis, interstitial, due to autointoxication, 281—O
Girault, A. A., present status of bedbug in transmission of human diseases, 25—O
Glanda, peculiar pressure symptoms due to enlarged tuberculous bronchial, 856—ab
Roentgen treatment of tubercular, 1221—ab
tuberculosis of, simulating neoplasma, 1519—ab
Glaucoma, acute, following instillation of several drops of adrenalin in, a cataractous eye, 460—ab
traumatic, 804—ab
Glenn, W. F., treatment of gonorrhea in male, 1228—O
Glutol-Schleich, 1195—P
Glycerin emollient, 1195—P
Glycerophosphates, 1195—P
Glycogen, further observations on influence of alcohol on metabolism of hepatic, 1467—O
in liver, 815—ab
Glycosuria and diabetes, 242—ab
drugs in diabetic, 1226—ab
intermittent pentosuria and, 538—ab
Goat's milk, infantile mortality and, 1859—ab
Goepp, R. M., case of acetanilid poisoning from absorption, 259—O
Goiter, influence of, on growth, 904—ab
surgical treatment of, 145—ab, 1868—ab
3,000 operations for, 1223—ab
Goldberger prize goes to Obermayer and Pick, 1665
Gonorrhea, 394—T, 1413—T
acetylene gas in, of rebellious, 2114
disadvantages of injections for acute, 813—ab
gonosan and treatment of, 726—ab
passive congestion treatment of, 1061—ab
puerperal, 1226—ab
silver nitrate and zinc in chronic, 973—ab
suit for certifying to, 580
treatment of, by irrigation, 807—ab
treatment of, in male, 1822—O
up to date, 1401—ab
Gonorrheal lesions other than of genital tract, 1320—ab
Gonosan and treatment of gonorrhea, 726—ab
Gooding, J. J., monocephalus tetrabrachius tetrapus, 2150—O
Gould, G. M., headache and eyestrain, 1521—O
Gould, G. M., incurable eyestrain, 734—O
Gout, 1705—T
elimination of uric acid in, and alcoholism, 2127—ab
course and treatment of, 813—ab
involving phalanges, 2136—T
visceral, especially gastrointestinal form, 813—ab
Gradle, H., odor as guide in treatment of chronic suppuration of middle ear, 1726—O
Graham, E. E., diagnosis of tuberculosis in infants and children, 1555—O, 1586—O
Gram-staining technic, 975—ab
Granulations, tuberculous, without tubercles, 2129—ab
Great-Britain, general medical council of, its powers and its work, 1520
medical journals of, 294
Grippe, influence of, on other infections, 902—ab
Grocco, triangular dullness of, 160—ab
Ground itch, causative factor in production of dermatitis of, (uncinariasis), 1603—O
Growth and nutrition, influence of excessive meat diet on, 542—ab
disturbances of, after brief Roentgen radiation, 78—ab
Guaiacol-salol, 1195—P
Guaiamar, 1302—P
Guajanol, 1302—P
Gumma, contagiousness of, 205—ab
Guthrie, C. C., anastomosis of blood vessels by patching method and transplantation of kidney, 1042—O
Gwathmey, J. T., plea for scientific administration of anesthetics, 1361—O
Gymnastics, dangers of unregulated, 603
use and abuse of pulmonary, in tuberculosis, 388—ab
Gynecologic cases, ureteral symptoms in, 833—ab
operations, nervous affections after, 241—ab
Gynecologist, relation of, to general practitioner, 1321—ab
Gynecology and obstetrics, study of, in Germany, 221, 291
vaginal route in, 69—ab

H

Hagee's cordial of cod-liver oil, 1208—P
Hagen-Burger case, 2104
Haggard, W. D., surgical treatment of duodenal ulcer, 238—O
Hall, J. K., condition in case of typhoid simulating intestinal perforation, 1916—O
Hallucinations from starvation, 642—ab
of chloroform, 1110
Halsted, W. S., results of complete and incomplete occlusion of abdominal and thoracic aortas by metal bands, 2147—O
Hare-lip operation dressing after, 2000—O
Hamburg spa, dietetic regulations at, 974—ab
Hammond, P., headache due to aural disease, 1525—O
Hammond, P., technic in after-care of radical mastoid operation, 1645—O
Hands, disinfection of physician's, 2130—ab
tender, sensitive to antiseptics, 797
Handshake, an expensive, 1751
Harpoon, recovery from piercing body with hay, 1190—O
Harris, M. L., testimony and evidence in medicine, 1368—O
Harvard medical buildings, dedication, 1113
medical school, new buildings at, 50, 1100—E, 1069
Harveian oration, Osler gives, 1498
Harvey, E. B., impracticability of interstate reciprocity, 553—O
Harwood, W. E., practical lesson in regimentation, 2076—O
Hatcher, R. A., pharmacology of digitalis, 2060—O
Hawley, G. F., ethyl chlorid as general anesthetic in minor operations, 502—O
Hay-fever, 457—T
and persistent bronchial asthma relieved by treatment of astrum of Highmore, 993—ab
and ivy poisoning, 792
palliatives for, 265—O
quinin caffein external applications in, 2046—ab
simple contrivance for relief of, 1390—O
treatment of, by securing normal nostrils, 782
treatment by Dunbar's remedies (pollantin), 276, 447, 822, 895, 794
Head and neck, excision of cancer of, 1782—O
apparatus to induce hyperemia in, 1662—ab
injuries, 1945—ab
new management of occipito-posterior positions of fetal, 808—ab
unusual case of trauma of, exhibiting symptoms of asteriognosis, 1049—ab
Headache and eyestrain, 1521—O
chronic, associated with pelvic disease, 1525—O
nasal, 1697—ab
neuralgia and, 1325—T
of nasal origin, 453—ab
tablets, acetanilid poisoning by, 2012—O
Headaches, constitutional, 1524—O
due to aural diseases, 1525—O
ocular, 1521—ab
of renal origin, 462—ab
Healing, rapid, in septic cases, including the use of iodoform wax in bone cases, 79—ab
Health board warns against fake, 1110
economic advisability of inaugurating a national department of, 1002—O
given board of, to unincorporated towns, 2035—MI
inspection as applied to individual, 451—O
law, powers under, 717—MI
mental, of school children, 20—E
provides for annual conference for boards of, 2112—MI
state control of, 958—ab
Healthfulness of the region, 513—E
Heart, acute dilatation of, in newborn, 1420—ab
affections among wage-earners, 1776—ab
affections, modern treatment of, 240—ab
and arteriosclerosis, neurosis of, in consequence of trauma, 394—ab
and kidneys, effect of strenuous exercise on, 1320—E
and stomach affections, mutual relations between, 241—ab
bullet wounds of, 2044—ab
cardiac neuroses of, 1903—ab
cases, artificial Nauheim baths in chronic, 1054—ab
congenital malformation of, with malposition of certain viscera and absence of spleen, 385—O
dilatation and hypertrophy of, and some other points in cardiac pathology, 238—ab
disease, arterial blood pressure in, 1419—ab
disease, congenital, 229—ab
disease, management of advanced, 1058—ab
disease, sone of rupture in liver in, 511—ab
diseases, 1208—ab
diseases, organic, and immunity from pulmonary tuberculosis, 1506—ab
diseases, orthopercussion and relative, 1518—ab
effects of pericarditis on, 1429—O
examination of, when lying on left side, 1772—ab
exposure of, after injury, 1142—ab
failure in cardiac compensation, 2130—ab
failure, resuscitation of patient apparently dead from primary, 1887—ab
gummatous infiltration of auriculoventricular bundle, 2125—ab
Heart in exophthalmic goiter, 2084—ab
influence of bodily posture on position of, 1026—ab
in nephritis, 1354—O
massage of, in apparent death from anesthetics, 957—ab
measurement of energy of, 1775—ab
muscle, functional tests of, 544—ab
muscle, multiple rhabdomyoma of, 896—ab
percussion findings with enlargement of, 615—ab
percussion of outline of, 2127—ab
record of movements of, at left auricle, 975—ab
sound, first, 396—ab
sounds, to detect fetal, early, 1142—ab
reduplication of, 2148—O
spontaneous rupture of, 238—ab
spontaneous rupture of, in senile dementia, 638—ab
stomach and spleen, congenital protrusion of, 810—ab
study of spanemia, 1927—ab
suture of, after penetrating wound of, death on eleventh day, 1229—ab
transposed, 1737—O
treatment of cardiovascular disease of, 1677—ab
tuberculosis of, 214—ab
Heart-block, 779—E
digitalis and, 802—ab
electro-motive changes in, 391—ab
some aspects of, 1770—ab
study of, 1518—ab
Heath, A. C., simple contrivance for relief of hay fever, 1390—O
Heaton, C. C., recovery from piercing of body with hay harpoon, 1190—O
Hedonal, 1302—P
Heiser, V. G., progress of medicine in Philippine Islands, 245—O
Hektoen, L., two cases of generalized blastomycosis, 247—O
Helminths, cancerous tumors and, 812—ab
Helmitol, 1302—P
Hematoma, diagnosis of intradural, 1335—ab
of new-born, 274—O
Hematomyelia, case of, 291—ab
Hematuria, 319—ab
endemic, 1439—ab
of vesical origin in pregnant woman, 1333—ab
Hemenway, H. B., death from bromoseltzer, 2158—O
Hemicrania, 1308—P, 1325—T
Hemiplegia, Leyden's, 1235—ab
Hemogallol, 1302—P
Hemoglobinuria, case of quinin, or blackwater fever, 1959—ab
malarial, 1896—O, 1902—O
Hemolytic agent, obtained from urine in case of pernicious anemia, 1925—ab
Hemophilia, joint affections of, 1333—ab
treatment of purpuric conditions and, 1089—O
Hemoquinine, 1302—P
Hemorrhage, concealed accidental, 1857—ab
diagnosis and treatment of accidental uterine, 1219—ab
early diagnosis of abdominal, 1277—O
fatal, from perforation of intestine by gallstone, 238—ab
from stump following appendectomy, 2035—ab
influence of intraperitoneal injection of warm sterile normal saline solution in intraperitoneal, 1460—O
in newborn, 1145—E
submucous, of right vocal cords, 1323—ab
treatment of, 189—O
treatment of internal, 41—E
Hemorrhoids, differential value of occult in stomach affections, 484—ab
early operations for cerebral, of childhood, 147—ab
nasal, 715—T
occult gastric, 239—ab
occult, in typhoid, 208—ab
of spontaneous intracranial, associated with trigeminal nevi, 179—ab
Hemorrhoids, high, as cause for occult hemorrhage, 1141—ab
improved technic for removal of, 72—ab
simple operation for, 464—ab
Heredity and environment as causes of delinquency and crime, 301—ab
and environment as factors in life and diseases of children, 760—O
naso-sinual, 1377

Herdman, W. J., duty of medical profession to public in matter of venereal diseases, and how to discharge it, 1246—O
Hermaphroditism, rare case of, 1895—ab
Hernia, appendectomy through operative wound for radical cure of right inguinal, 1725—O
direct abdominal, of traumatic origin, 1485—O
etiology and treatment of oblique inguinal, 155—ab
femoral, herniated appendix, and suppurative appendicitis due to pin, 155—ab
gold wires for sutures in, 808
inguinal, 305—ab
inguinal, of bladder, 321—O, 1894—ab
injection treatment of, 449
management of bowel of doubtful vitality in operations for relief of into fæcolic fossa, 2027—ab
strangulated, and intestinal obstruction, 1219—ab
new method of utilising sac in radical cure of, 66—ab
of appendix, probably infantile, and performed by pin while in scrotum, 155—ab
of diaphragm, 1144—ab
of ovary and tube, 1707—O
prolapsed ovary in femoral ring, simulating strangulated femoral, 809—ab
radical cure of femoral, 542—ab
radical treatment of inguinal, 642—ab, 2044—ab
saccular theory of, and radical operation, 1859—ab
seven cases of, treated by implantation of prepared filigree of silver wire, 511—ab
strangulation of appendix in, 1666—ab
Herniæ, five years' experience with original filigree intended to prevent and to cure abdominal, 754—O
radical operation of large, 1234—ab
Herniotomy, femoral, 751—O
Heroin, 1303—P
hydrochlorid, 1303—P
Heroinal, 1303—P
Heroterpine, 1303—P
Herpes zoster auris, 990—ab
Herrick, F. C., gastric ulcer, 14—O
Herrick, F. C., obstruction at terminal portion of common bile duct, 1438—O
Hessert, W., hemorrhage from stump following appendectomy, 2009—O
Hetol, 1303—P
Hewes, H. F., treatment of ulcer of stomach with record of cases, 839—O
Hexamethylenamine methylen citrate, 1378—P
Heylman, H. H., fluoroscope in diagnosis of aneurism, 267—O
High-frequency spark treatment of premature alopecia, 459—ab
Hip, congenital dislocation of, 66—ab, 989—ab, 1094—O
results from bloodless reduction of congenital, dislocation, 1055—ab, 2038—ab
spontaneous dislocation of, 151—ab
Hirshberg, L. K., infectious diseases of doubtful nature, 453—O
History, medical, 516—E
bit of medical, 2015—E
Hitchings, F. W., thermovibramage; new method of treatment, 1376—O
Hodgkin's disease, relation of, to lymphosarcoma, 1854—ab
Holiday, choice of, 709
Hollenbeck, H. S., early diagnosis of abdominal hemorrhage, 1277—O
Holmes, B., hospital problem, 318—O
Holmes, B., physical and evolutionary basis of marriage, 1896—O
Holmpeter, W. C., pediatric outlook, 327—O
Holocaine hydrochlorids, 1378—P
Holt, E. E., physical economics, 194—O
Holton, H. D., duty of state toward venereal diseases, 1248—O
Home, hygiene of, 958—ab
Hornbrook, E., art of medicine, 817—O
Horsley, J. S., surgical treatment of congenital hydrocephalus, 20—O
Hospital, addition to London Temperance, 1750
and dispensary, abuse of, by well-to-do, 129
failure of, or individual to warn nurse of patient having contagious disease, 1592—M
kitchen, value of, 1407
Hospital, liability of charitable for negligence, 1592—M
management of New South Wales, 2160
management, points of interest in, 1943—ab
maternity, for Turkey, 294
model public, 1780
neurologic investigations at London, 67
new public, at Berlin, 1680
plan prize awarded at St. Louis, 155, 221
problem, 319—O
reform in new light, 1505—ab
responsibility of, for suicide of patient, 684
South American, 1088
Hospitals, authorizes city, 1592—M
authorizes county, for treating tuberculosis, 2119—M
improvements at Calcutta, 1730
milk and alcohol in, 941—E
new regulations for outpatient departments in state, 971
requirements for practice of surgery in, 1492—E
responsibility of, for injuries received therein, 2021
value of, to educational institutions, 1075—ab
Hough, F. C., case of intestinal obstruction, 776—O
House of Commons, ventilation of, 870
Howard, W. J., protection of innocent, 1891—O
Hubbell, A. A., unicular inflammations of optic nerve and retina, 1—O
Human sympathy doctor's highest need, 1120
Humerus, injuries commonly associated with displacement of head of, 154—ab
new splint for fractures of, 962—ab
supracondyloid fracture of, 1225—ab
Humidity, 293
Humiston, R., acetonæmia in typhoid, 1031—O
Hunt, R., comparative physiologic activity of some commercial suprarenal preparations, 780—O
Huntington's chorea, 729—ab
Huntington's chorea, with cataltic deformans, 1332—ab
Hutchins, M. B., lesions predisposing to cancer, 15—O
Hydrastis and strychnin, novel method of using in sexual and vesical weakness, 2145—O
Hydrastis canadensis and ergot, physiologic action of, on uterus, etc., 77—ab
Hydrocephalus, surgical treatment of congenital, 20—O
Hydrochloric-acid, importance of, for infantile digestion, 827
reaction to free, in stomach content, 1982—ab
Hydrocyanic acid intoxication, 1983—ab
Hydrogen dioxid, bursting fistulas in lower intestinal tract by injecting through anus, 111—O
Hydrophobia, causes of failures in Pasteur treatment of, 1926—ab
existence of, 1104—E
Negri bodies in, 87—ab
paralytic accidents observed under Pasteur treatment of, 1964—ab
provides for material for treatment of, 2034—M
Hydrophobic patients, saliva of, 1848
Hydrotherapy, old and new in, 312—ab
some fundamentals in, 2026—ab
Hygiene and temperance, teaching of, in British elementary schools, 2021
influence of modern, on cities, 814—ab
Japanese soldier's manual of, 2041—ab
of home, 958—ab
Hymenolepis diminuta, and hymenolepis nana, 2087—O
Hyperchlorhydria, treatment of, 1863—ab
Hyperemesis, 1326—ab
Hyperemia, acute purulent otitis and mastoiditis, treated by artificially induced, 1137—ab
apparatus to induce, in head, 1602—ab
artificially induced, as prophylactic for infected wounds, 1963—ab
artificially induced, in treatment of traumatic affections, 2129—ab
artificially induced in treatment of wounds in rabbits' ears, 2179—ab
in treatment of pulmonary tuberculosis, 1140—ab
stasis, 243—ab
study of Biers' congestive, from standpoint of endotoxin theory, 726—ab
suction, in treatment of eye affections, 1984—ab
Hyperemia, therapeutic value of artificial localized, in treatment of ambulatory or dispensary cases, 895—ab
treatment of purulent otitis by congestive, 1127—ab
Hyperidrosis, 465—T
Hyperchlorhydria, 295—T
Hypersusceptibility, 1027—O
and transmitted immunity, 1122—E
Hypnal, 1379—P
Hypnotism, motor neurones treated with, 504—ab
Hypophysis, function of, 38
sleep and, 295—ab
Hysterectomies, 144
abdominal, for fibromata, 1525—ab
improved technic for total abdominal, 592—ab
renal retention of urine after vaginal, 1092—ab
utilization of broad and round uterine ligaments in supravaginal, 1219—ab
Hysteria, classical symptoms of, 1033—ab
definition of, 725—ab
from point of view of dissociated personality, 1329—ab
Hysteromyomectomy, utilization of broad ligaments in complete deprivation of uterus, and removal of uterine appendages, 1205—O
Hysteropexy followed by repeated pregnancies, 1959—ab

I

Ice, composition of, 813—ab
cream, death from eating, 1214
Ichthalbin, 1379—P, 1885—P
Ichthammon, 1379—P
Ichthargan, 1379—P
Ichthermol, 1379—P
Ichthoform, 1379—P
Ichthyol, 1379—P
Ichthyolum antiseptic, 1379—P
Icterus in pregnancy, 160—ab
postoperative, 812—ab
Idaho medical news, 308, 945, 1570
reciprocity in, 63
Identification, system of personal, by finger prints recently adopted for U. S. Army, 1175—O
Ileocecal processus, tuberculous, 1774—ab
Ileum, resection of, 295—ab
small fibroma of, resulting in obstruction of bowel, with consideration of benign intestinal tumors, 1519—ab
Ileus, acute mechanical, 1235—ab
adynamic, 1402—ab
delirium and death during convalescence from, 902—ab
palliation, 1601—ab
gastroenterotic, 539—ab
Ilium, fracture of anterior superior spine of, by muscular action, 1889—ab
Illegitimacy, education as factor in prevention of criminal abortion and, 1889—O
Illinois April report, 294
increased requirements in, 221
July report, 1759
May report, 635, 1409
medical news, 43, 117, 210, 280, 303, 430, 514, 559, 660, 784, 886, 945, 1026, 1105, 1159, 1307, 1394, 1486, 1576, 1661, 1745, 1836, 1924, 2018, 2098, 2164
reciprocity in, 63
reciprocity report, 1410
rules governing examinations in, 1758
Illusions, sensory, in diagnosis, 457—E
Immunity, hypersusceptibility and transmitted, 1022—E
Immunization, active, against infectious diseases, 649—ab
duration of, after injection of diphtheria antitoxin, 1880—ab
protective, against joint tuberculosis, 803—ab
Impotence caused by excessive consumption of bromo-seltzer, 509—O
Incompatibilities of some of newer remedies, 1092—P
Incontinence, urinary, 1447—O
Independence day, injuries of, 17—O
Index medicus, the, 1494—E
India, health of, 606
lack of uniformity in cocain laws in, 2109
sanitary condition of, 1315
typhoid in, 889
Indian Territory, July report, 714
Indiana May report and questions, 802
medical news, 118, 280, 440, 515, 559, 691, 784, 886, 945, 1026, 1230, 1395, 1495, 1661, 1746, 1836, 2018, 2098
Indican and skatol in urine, 311—ab
Indigestion, acute and chronic, 1415—ab
surgical treatment of, 230—ab
Individual diet, 1316
Indol, toxicity of, 227—ab
Industrial danger, a new, 821
diseases, committee on, 1941
Inebriation and dipsomaniacs, treatment of, 1043—ab
Inebriety, home and office treatment of, 1879—ab
Insanity of, 799—ab
Infant feeding, principles of, 1404—ab
Infants, appendicitis in, 2126—ab
bacteriologic and blood findings in 25 cases of bowel infection of, 2141—O
dosage for, 610
medicinal doses for, 458—T
mixtures for, 1851—T, 1983—T, 2023—T, 2117—T
mortality of, and its principal cause—dirty milk, 2175—ab
novel method of encouraging care of, 2022
overlying of, 1112
prime minister and mortality of, in Great Britain, 2101
some unheeded principles involved in dietetic management of during hot weather, 256—O
study of stools of starch-fed, 763—O
trend of pediatric opinion concerning artificial feeding of, 1035—O
value of small quantities of human milk in treatment of infantile atrophy and infections of, 1904—O
Infection, A, prevention at end of danger of, from patients who have suffered from infectious diseases, 153—ab
frequency of tuberculous, by way of digestive tract, 973—ab
local, from conjunctiva and lachrymal passages, 1049—ab
pneumococcal, during early life, 1369—O
primary pneumococcus, of digestive tract, 160—ab
protection from cadaveric, 1235—ab
puerperal, 624—O
puerperal, from general practitioner's standpoint, 1932—ab
staphylococcus, 543—ab
Infections and intoxications, mensuration as source of, 902—ab
endogenous, 1130—ab
influence of tuberculin on experimental, 54—ab
meningococcus, 1114—E
Infectious disease, an, of doubtful nature, 453—O
diseases, biologic diagnosis of, 294—ab
diseases, differential diagnosis of acute, 1228—ab
diseases, influencing of, by vaccination, 1880—ab
Inflammation, relation of nerve impulse to cutaneous, 3—O
Inflammations, hot baths in treatment of superficial, 214—ab
unicocular, of optic nerve and retina, 1—O
Inflammatory processes, why and to what extent anesthetics are useful in, 467—ab
Information, when, from observation becomes privileged, 393—M
Ingbert, C. E., inguinal hernia of bladder, 321—O
Inhalations, action of amyl nitrite, on blood pressure, 1295—ab
Injured, deficient provision for, 1939
Injuries commonly associated with displacement of head of humerus, 154—ab
treatment of, to extremities by mechanotherapy, 659—ab
Injury, aggravation of effect of, by use of opiates, 805—M
Innocent, protection of, 1891—O, 1895—O
Inoculation, therapeutic, of bacterial vaccines, 1450—E
Insane, act to regulate private institutions for, 2118—M
better care of, needed, 1045—ab
fractures in, 1213
functional derangement of ears and upper air-tract in, 1826—ab
information wanted regarding public care and treatment of, 1124
international congress for care of, 45
negligence of profession in securing establishment of temporary detention quarters for alleged, 144—ab
pathologists in hospitals for, 1294
treatment of, 802—ab
Insanity, allowed increase of, 1383—E

Insanity, fist residence and, 1690—E
manic-depressive, and visceral disease, 1718—O
of childbirth, 1949—ab
of heredity, 799—ab
treatment of acute, in general hospital, 82—O
Insects, disease dissemination by, 2164—O
Insomnia, types of, and treatment without drugs, 1225—O
Inspection, medical, of schools, 958—ab
parental co-operation in medical, of schools, 2007—E
Institute for chemical research, 1458
Insufficiency, aortic, 238—ab
causes of, in medical practice, 1220—ab
Insurance agent, warning against fraudulent, 1304
committee on, 1937
contract work, experience of Warren, Pa., 2108
examination fee question, county societies and, 2105
examination fees, 697, 1462, 1760—ab, 1821—E
features of life, examining which demand correction, 692—E
fees and lodge practice, 445,1937,2108
fees, life, 2108—ab
postgraduate course on medical aspect of accident, 1312
professional syphilis and accident, 1292—ab
Internal medicine, swing of pendulum or renaissance of, 1464—ab
International congress of life insurance examiners, 519
Congress for Laryngology and Rhinology, 1929
Geneva, conference, revision of, 465—ab
Medical Association of Mexico, 1929
unification of formulas for heroic drugs, 2189
Intestinal diseases of children, acute, 1369—ab
dyspepsia—a correction, 1051—T
parasites, prevalence of, in Siam, 1669—O
Intestine, acute localised inflammation of large, 182—ab
and cancer, research on stenosis of, 1864—ab
button for anastomosis of, 1141—ab
capillarity in intestinal sutures, 408-O
diagnosis of congenital stenosis of small, 643—ab
experimental study of internal treatment of occlusion of, 1289—ab
invagination of, 152—ab
Intestinal obstruction due to gallstones, 1319—ab
obstruction of, 776—O, 811—ab
obstruction of, in child, 1511—ab
obstruction of, new form of, methods for preventing recurrence of volvulus of sigmoid flexure, 305—ab
obstruction of, surgical treatment of, 1761—ab
obstruction of, unusual case of, 540—ab
occlusion of, from volvulus of small intestine, 1326—ab
of infants, bacteriologic and blood findings in bowel infection, 2141—O
operation of choice in chronic obstruction of, due to malignant stricture, 1228—ab
prevention of acute diseases of, of summer, 1508—ab
removal of half of, for neoplasm, 125
rupture of, 2037—ab
successful end-to-end anastomosis after partial disembowelment in runaway accident, 1329—O
surgery of, a year's experience in, 2178—ab
surgically considered with reference to its sterilization, 806—ab
treatment of chronic catarrh of, 466—ab
two cases of resection of, with recovery of patients, 235—ab
volvulus of small, in typhoid simulating perforation, 809—ab
Intestines and peritoneum, hyperplastic tuberculosis of, 146—ab
natural disinfection of, 2045—ab
study of five cases of subcutaneous or concealed rupture of, treated by laparatomy, 131—ab
Intubation, Kuhn's peroral, 1691—ab
Intussusception, case of, illustrating fallacies and dangers of inflation treatment, 1139—ab
case of, subjected to operation, 2037—ab
Iodipin, 1379—P, 1487—P
Iodoform, bone plugging, treatment of osteomyelitis with, 2060—O
Iodoform in treatment of leprosy, 394—ab
Iodoformogen, 1487—P
Iodophilia, 1669—E
Iodothyrine, 1487—P
Ion compounds with exhibition of products, 229—ab
Iowa against charlatans, 1922—E
May and June reports, 714
medical news, 43, 210, 231, 440, 785, 1022, 1106, 1308, 1571, 1746, 2165
Ireland, condition of, 520
lunacy in, 1022
Iridocyclitis, 2041—ab
Iris, new procedure for treating prolapse of, 1130—ab
so-called leucosarcoma of, 418—O
Iron and quinin in pneumonia, 273—O
Irrigator, intracocular, 236—ab
modification of Reese urethral, 1820—O
Isaform powder, 1487—P
Isogen, 1487—P
Italy, how they humbug dear people of, 1111
Ivy poisoning, hay fever and, 768

J

Jack, F. L., report of four cases showing results of Killian's operation, 182—O
Jackson, C. M., two desirable reforms, 599
Jackson, E., relations of superior and inferior rectl muscles to convergent squint, 105—O
Jacksonian epilepsy as guide to focal affections, 1140—ab
Jacobi, A., methylthionin hydrochlorid in inoperable cancer, 1545—O
Jacobi, A., proprietary medicines, 977—O
Jameson, N. L., treatment of fracture of inferior maxilla with description of splint, 854—O
Jampolis, M., influence of intraperitoneal injection of warm sterile normal saline solution in intraperitoneal hemorrhage, 1460—O
Janeway, H. H., bed-lift, 1038—O
Jaundice, diagnostic features of surgical diseases attended with acute, 587—ab
Jaw, bilateral resection of upper, 1462—ab
cysts in lower, 2048—ab
osteoplastic operation on lower, for receding chin, 1228—ab
Jaws, correction of defective closure of, 1228—ab
rubber test and deformities of, 1668—ab
Jejunum, peptic ulcer of, 1140—ab
Johnson, F. M., addenda to therapeutic measures in certain forms of nephritis, 1976—O
Johnson, H. L. E., national supervision and standardization of food, 1271—O
Johnston, R. H., congenital membrane in naso-pharynx, 686—O
Joint diseases, especially those of children, 71—ab
passive motion in treatment of gonorrheal affections of, 548—ab
radiograms after injection of oxygen into, 1141—ab
tissue of little finger, 2158—O
Joints, cure of tuberculosis of, 987—ab
hemophilic, 887—ab
Jonas, A. F., neoplasms of colon, 825—O
Journal, carelessly edited medical, 49
Journals, medical, of Great Britain, 294

K

Kahn, M., bradycardia in appendicitis, 2011—O
Kansas bureau of investigation and publicity, 2023—P
June report and questions, 889
May report and questions, 889
medical news, 211, 309, 440, 509, 785, 1088, 1385, 1571
Kasagra, 1487—P
Kassabian, M. K., new table and tube holder for skiagraphy, 119—O
Kean, J. R., system of personal identification by finger prints recently adopted for U. S. Army, 1178—O
Kebler, L. F., nostrums and fraudulent methods of exploitation, 1548—O, 1623—O
Keen, W. W., tumors of carotid-gland, 489—O, 886—O
Keloid, case of multiple, 1767—ab
Kentucky August report, 1950
July reports, 982
medical news, 211, 309, 515, 785, 1106, 1308, 1495, 1571, 1747, 1924
Kentucky, profession, the, 1401—ab
Keratitis, parenchymatous, treatment of, 1064—ab
obturans, 1951—O
Kerley, C. G., further contribution to study of stools of starch-fed infants, 763—O
Kerr, I. J., new shield for use in nose and throat examinations, 775—O
Kerrison, F. D., chronic catarrhal deafness, 1806—O
Keyes, Jr., E. L., protection of innocent, 1295—O
Kidney affections, pathology of, 1422—ab
affections, physical measures in treatment of chronic, 2179—ab
and appendix affections, differentiation of, 2127—ab
and bladder, treatment of tuberculosis of, by nephrectomy, 957—ab
and colon suspension by use of nephrocolic ligament and Gerota's capsule, 1044—ab
artificial renal colic as means of diagnosis of disease of, 1058—ab—O
calculi of, 2111—ab
case of tuberculosis of, 1735—O
changes, transmission of, to fetus, 549—ab
congenital cystic, 479—O
cystic, and liver, 277—E
diagnosis and treatment of tuberculosis of, 1075—O
diagnosis of, calculi with x-ray, 888—ab
disease, increased mortality in England and Wales from, with special reference to Boron preservatives as a factor therein, 2041—ab
fixation of, by shortening of nephrocolic ligament, 1045—ab
fixation, technic of, 1045—ab, 1917—O
floating, its significance and treatment with reference to method of performing nephropexy, 1834—ab
functional, tests, 2128—ab
functioning in congested kidney of pregnancy and in eclampsia, 974—ab
in scarlet fever, 1220—ab
modified operation for movable, 537—ab, 1917—O
neoplasm of, five cases of, 483—ab
permeability of, in liver affections, 2178—ab
plastic surgery of pelvis of, 811—ab
reflex symptoms and referred pains caused by affections of, 587—ab
series of interesting cases of surgical conditions of, 1911—O
stones, tendency to, in tuberculous patients under forced feeding, 247
surgical treatment of calculi of, 2111—ab
treatment of tuberculosis of, and bladder by nephrectomy, 2047—O
tuberculosis of, in infant, 2036—ab
workman's claim for compensation for dropped, 821
Kidneys, changes in, produced by Roentgen ray, 889—ab
disease of, 1397—ab
in tuberculosis, 807—F
physiology of, 1235—ab
surgery of, 1939—ab
Kiefer, H. A., case of black tongue, 389—O
King, C. W., prosthetic appliance for use after partial amputation of foot, 1739—O
King, O. W., substitute for dark room during fluoroscopic examinations, 1486—O
Knapp, R. E., cultivation of spirillum obermeieri, 2152—O
Knee, resection of, to obtain movable joint, 1 801—ab
Joint, exposure of, by longitudinal incision, 1516—ab
Joint, operative treatment of irreducible luxation of semilunar cartilages of, 1960—ab
Joint, primary sarcoma of, 545—ab
Joint, study of infections of, and their treatment, 538—ab
phenomenon, aid in eliciting, 1982—ab
swelling of, 449
Kola, 1488—P
Koplik spots, their relation and interest to laryngologists, 1511—ab
Kopp's baby friend, still other deaths from, 127—P, 1393—P
Kraurosis vulvæ, 1338—ab
Kreamine, 1488—P
Kuhn's peroral intubation, 1691—ab

L

Labor, induction of premature, and accouchement forcé in first 5,000 labors in obstetrical department of Johns Hopkins University—1929—ab
injuries to child's head during, 1822—ab
management of, 209—ab
pregnancy and, complicated by anterior fixation of uterus, 1529—O
prevention of difficult, 209—ab
scopolamin-morphin anesthesia in, 77—ab
Labyrinth in various animals and birds, 1406
trephining the, for subjective sounds, 142—ab
Lac bleue, 1488—P
Lactic acid in metabolism, 1804—O
Lactophenin, 1488—P
and aspirin, 891
Lake, G. B., tuberculous joint of little finger, 2158—O
Lake region, health-fulness of, 812—E
Lambert, A., medical treatment of gastric and duodenal ulcer, 945—O
Laminectomy, technic of, 957—ab
Laminoids ferruginous (nascent), 1488—P
Landry's paralysis, 497—ab
Langerhans' Islands and diabetes, 1894—ab
Language, medical, 1234—ab
Laparotomies, drainage after, 214—ab
fatal effections of gastric and intestinal mucous after, 77—ab
100 consecutive, with reference to appendicitis, 1965—ab
LaRoque, G. P., total atrophy of stomach, 982—O
Larva, toxins destructive of, 816—ab
Laryngectomy, total, for carcinoma, 803—ab
total, for recurrent epithelioma of larynx, 402—ab
Laryngitis, 1591—T
treatment of tuberculous, with culture products, 2175—ab
Laryngology, radical treatment of laryngeal cancer, 1602—ab
Laryax, displacement of, and trachea, in thoracic affections, 2135—ab
neoplasm of, three cases of, 220—ab
pancreatic extract in cancer of, 1955—ab
treatment of tuberculosis of, 1033—ab
unusual case of papilloma of, in child treated by local application of formalin, 2134—ab
Latham, V. A., pathologic features of pulp, 916—O
Law, design of, 1953—M1
Laws, field for, against solicitation of patients in Arkansas, 457—M1
needed reforms in medical, of state of New York, 1504
Layton, E. N., case of isolated palsy of right external rectus, 274—O
Lead in ice cream, 1320—ab
poisoning by soldered water pipes, 216
LeBreton, P., congenital dislocation of hip, 1004—O
Lecture, institution of Nothnagel, 47
Leech as means of research in regard to toxic causes, 1213
LeFevre, W. L., improved rectal operating table, 111—O
Leg, results of operative treatment of varicose veins of, by methods of Trendelenburg and Schede, 1057—ab
temporary splint for fractures of, 159—ab
treatment of varices on, with ligature of popliteal vein, 547—ab
Legal medicine, necessity for better provision for, in country, 1206, 1394
Legislation, eugenic, 1934—E
Legislation, some, of 1908, 1284—M1
lack of, regulating practice of medicine, 1214
Legislative record, good, in Massachusetts, 1580—E
Legs, exceptional rachitic distortions of, 801—ab
Lemere, H. R., remarkable osteo-calcareous tumor in nose, 271—O
Lenhartz treatment of gastric ulcer at Eppendorfer Krankenhaus, Hamburg, 302—ab
Lennigallol, 1488—P
Lens, foreign body in crystalline, extracted by electric magnet, 808—ab
Leper, wanderings of, in Europe, 1110
Lepers, foreign born, and their treatment, 439—E
Leprosy, 1945—ab

Leprosy, great increase in, Cape Colony, 1941
Iodoform in treatment of, 294—ab
Jonathan Hutchinson and outbreak of, in Switzerland, 1576
national control of, 1491—E
new aspect of pathology and treatment of, 1687—ab
prevalence of, in North America and policy to be pursued with regard to it, 1945—ab
transmission of, to monkeys, 972—ab
Leptomeningitis, study of acute (streptococcus pyogenes), 1271—O
Leptothrix racemosa, botanical diagnosis of, and its relations to modern doctrine of bacteriology, 1057—ab
Lespinasse, V. D., successful removal from male bladder of lost filiform bougie by endovesical manipulations, 1189—O
Leucocyte count, value of, in appendicitis, 1138—ab
Leucocytes, classification of, 1333—ab
effects of x-rays on, in blood and bone marrow in leukemia, 462—ab
melaniferous, in diagnosis of malaria, 224—ab
Leucocytosis, artificial production of, in peritoneal infection, 815—ab
Leucorrhea, 1500—T
Leucosarcoma, so-called, of iris, 418—O
Leucotorin, formation of, under Roentgen treatment, 976—ab
Leukemia, acute lymphatic, clinical observations in case suggesting infection as etiologic factor, 493—O
anatomic, without leukemic blood, 1051—ab
and pseudoleukemia, Roentgen treatment of, 1775—ab
effect of x-rays on leucocytes in blood and bone marrow in, 462—ab
exophthalmos in, 2175—ab
improvement of, by intercurrent infections, 1600—ab
influence of x-rays in treatment of, and Hodgkin's disease with report of cases, 1382—O
mast cells, 1422—ab
metabolism in, under Roentgen treatment, 643—ab, 2044—ab
Roentgen ray in, 547—ab, 1002—ab, 1516—ab
treated successfully with arsenic, 1120
Levison, L. A., case of purpura hemorrhagica, 926—O
Lewis, R., what shall we teach public regarding venereal diseases? 1363—O
Lewis, W. A., death from rattlesnake bite, 2012—O
Liability of company silent when services rendered, 893—MI
Libraries, medical, of London, 2022
Library, physician's, and filing of clippings from journals, 600, 822
License of physicians practicing in two states, 825
requisites to law authorizing revocation of, 70—MI
Licenses, rights of state boards to revoke, 1133—MI
Licensure, interstate reciprocity in medical, 1089
requirements for, to be raised, 1679—ab
Lichty, D., dermatitis from butter coloring, 2013—O
Life-insurance examiner and agent, 942—E
features of, examining which demand correction, 892—E
fees, 438—E, 692—E, 1674—ab
Ligaments, shortening of round, or subperitoneal ventro-saponcurtic fixation, 1259—ab
utilization of broad and round uterine, in supravaginal hysterectomy, 1219—ab
Light and air, injurious action of, on milk, 1467—ab
influence of, in production of psoriasis, 1514—ab
treatment with, 1988—ab
Lightning dread, physical basis of, 884—E
Lime in central nervous system, 1863—ab
Limping, intermittent, 687—ab, 2122—ab
Lip, epithelioma of, 815—ab
method of operating on, 1662—ab
Lipoma, polyphoid, of tongue, 1259—ab
Lipomata, retroperitoneal perirenal, 469—ab
Lips, plea for more radical operations in cancer of, and tongue, 932—O
Liquid electricity, 1639—O
Lithium ichthyol, 1469—P
Lithopedion, case of, 1229—ab
Lithotomy, suprapubic, with enucleation of prostate in an aged patient, 2040—ab
Litigation, accident—the popular graft, 640—ab
Liver, acute atrophy of, from chloroform poisoning, 1191—O
acute yellow atrophy of, 75—ab
affections, pollakiuria in, 1241
character of thrombi and necrosis of, produced by intravenous injection of ether, 1967—ab
cirrhotic changes in, following single injury, 984—O
cystic kidney and, 277—E
degeneration of, from necrosis of pancreas, 2044—ab
diagnosis of abscess of, 216—ab
echinococcus cyst of, 269—ab
local tenderness of, 1688—ab
necrosis and venous thrombosis in horses actively immunized with diphtheria and tetanus toxins and with streptococci and their products, 1229—ab
probable rupture of, abscess into bronchus, 1967—ab
significance of various symptoms of insufficiency of, 2178—ab
surgical treatment of ascites secondary to vascular cirrhosis of, 1099—ab
syphilides of, 644—ab
tropical abscess of, 155—ab, 156—ab
two cases of gastrosuccorrhea or gastric hypersecretion associated with atrophic cirrhosis, 719—ab
two cases of abscess treated by transpleural operation, 1419—ab
two cases of rupture of, 2120—ab
wounds of, 1766—ab
zone of rupture in, in heart disease, 311—ab
Liverpool school of tropical medicine, 949
school of tropical medicine, first report of expedition to the Amazon, 1112
Lloyd, J. H., faradization of motor cortex in human brain, 1979—O
Lobe, symptoms of affections of frontal, 1143—ab
Localization, problem of, in relation to head injuries, 1227—ab
Lockjaw, urgent plea for use of larger doses of antitetanic serum for, 1134—ab
Lombard, W. P., method of recording changes in body weight which occur within short intervals of time, 1790—O
London letter, 68, 194, 372, 444, 517, 604, 790, 889, 948, 1022, 1111, 1203, 1314, 1500, 1568, 1576, 1666, 1751, 1841, 1947, 2092, 2191
medical education in, 1111
Lorenz operation, final results from, for bloodless reduction of congenital hip dislocation, 2038—ab
Los Angeles, population of, 793
Louisiana medical news, 211, 600, 785, 1280, 1571
new officers of state board of medical examiners, 982
Lourdes pilgrimage, 781—E
Lovers, insane, 718—ab
Loyalty, professional, 1225
Lues, differentiation of inflammation of retina and optic nerve in inherited, 79—ab
Lumbago, 69—T
Lumbar puncture in diagnosis, 1317
in eclampsia, 1142—ab, 1325—ab
in tuberculous meningitis, 1061—ab
percussion of skull as means of placing indication for performance of, 1226—ab
Lunacy in Ireland, 1932
treatment, ten years's, in Lewisham infirmary, 1230—ab
Lunatics, villa asylum for, 1990
Lund, F. B., congenital cystic kidney, 679—O
Lung, abscess of, 1221—ab
cavities, operative treatment of, 908
chronic non-tuberculous affections of, 350—O
gymnastics, 1894
points in surgery of, 396—ab
tissue, using elasticity of, in treatment of injuries of thorax and its contents, 1402—ab
Lungs, abscesses in, 266—ab
clinical, anatomic and pathologic comparison of tuberculous cavities in, 1506—ab
deep breathing as therapeutic and preventive measure in certain diseases of, 967—ab
edema of, 668—ab
Lungs, erysipelas of, 344—ab
fresh air treatment of acute respiratory diseases of, with reference to pneumonia, 225—ab
injections of specific tuberculous bacteriolysins directly into, 546—ab
possibility of intestinal origin of anthracosis of, 1405—ab
primary aspergillosis of, 815—ab
primary tuberculosis and anthracosis of, and bronchial glands, 1691—ab
suction mask to act on, 1423—ab
surgery of, 815—ab
Lupulin, administration of, 1690—T
in treatment of gastro-intestinal diseases, 1134—ab
Lupus, cases of carcinoma and, 455—ab
erythematosus in early childhood, 720—ab
of mucosa of upper air passages, 725—ab
vulgaris, x-ray treatment of, 888—ab
Lusk, G., lactic acid in metabolism, 1282—O
Lycetol, 1469—P
Lydston, G. F., new method of anastomosis of vasdeferens, 169—O
Lydston, G. F., series of interesting cases of surgical conditions of kidney, 1911—O
Lymph glands in carcinoma of cervix, 973—ab
glycerinated calf, 1112
Lymphangiectasis in groin, 2042—ab
Lymphatics, behavior of, in primary syphilitic infection in women, 156—ab
Lymphosarcoma of pharynx limiting motions of jaws and axis by invading prevertebral and pterygomandibular spaces, 2123—ab
Lysidin, 1469—P
Lysol poisoning, 894—ab, 1062—ab

M

MacCallum, W. G., cirrhotic changes in liver following single injury, 984—O
Macdonald, J. A., case of brain tumor, 1914—O
Mackenzie, K. A. J., hour-glass duodenum, 341—O
MacNevin, M. G., gastric ulcer, 14—O
Magnesium sulphate, treatment of tetanus by, 146—ab
Magic word, organization, 137
foot drafts, 1688—O
Maggots, affections caused by, 79—ab
Magnet operation, another successful, but with unusual termination, 1505—ab
and other infections, relations between, 1984—ab
Maine July report, 1535
medical news, 515, 1900, 1571
Malaria, 326—T
and other infections, relations between, 1984—ab
eucalyptus trees and, 1756
in high altitudes, 217
in Greece, 1984—ab
melaniferous leucocytes in diagnosis of, 224—ab
mixed, and typhoid, 256—O
on Isthmus, 121
pathogenesis and prophylaxis of, 1660—ab
preventive measures against, in Italy, 2113
Prof. Ronald Ross' investigation of, in Greece, 1214
prophylaxis in Ceylon, 1576
successful campaign against, in south of Austria, 1666
success of campaign against, in Italy, 819
transmission of, 2042—ab
Malarial infections, therapeutic action of splenic extract in, 537—ab
Males, comparison of phthisical with non-tuberculous, 155—ab
Malformation, peculiar congenital, 283—O
Malformations, Roentgen ray in study of congenital, 1692—ab
Malone, H. H., antiseptic treatment of tuberculosis, 739—O
Malpractice and aggravation of damages in injury cases, 1680—MI
liability same as for personal injury, 638—MI
personal, liability of company officers, 233—MI
Mamma, tuberculosis of, 2127—ab
Mandel, A. R., lactic acid in metabolism, 1304—O
Manila, cholera in, 1294
Manslaughter, failure of husband to call physician, 717—MI
Manual training for medical students and instruction in principles of psychotherapy, 305—ab
Marcy, H. O., best methods of closing aseptic wounds, especially of abdomen, 2135—O
Marcy, H. O., education as factor in prevention of criminal abortion and illegitimacy, 1889—O
Marmorek's serum in surgical tuberculosis, 1992—ab
Marple, W. R., injuries to eye with birdshot, 621—O
Marriage contract, guarantee of safety in, 1887—O, 1891—O
physical and evolutionary basis of, 1888—O
Marriages, 40, 133, 219, 280, 378, 447, 528, 608, 702, 786, 880, 953, 1040, 1122, 1200, 1318, 1395, 1502, 1582, 1660, 1753, 1844, 1941, 2027, 2172
Marvel, P., acute lymphatic leukemia, clinical observations in case suggesting infection as etiologic factor, 493—O
Maryland June report and questions, 1580
medical news, 44, 118, 212, 389, 440, 515, 600, 691, 895, 1089, 1193, 1291, 1399, 1568, 1666, 1672, 1692, 1747, 1904, 2013, May report, 64
medical news, 118, 212, 389, 515, 600, 785, 867, 1106, 1201, 1395, 1572, 1662, 1747, 1837, 1925, 2165
September report, 1580
Mastoid disease, simulation of, 1331—ab
operation, modification of simple, which shortens convalescence by facilitating repair, 1701—O
operation, radical, modified to allow preservation of normal hearing, 1512—ab
operation, technic in after-care of radical, 1646—ab
surgery, new apparatus; (1) an aseptic protective sheet for, and (2) a practical algesimeter, 1652—ab
Mastoiditis, acute, its prevention, diagnosis and treatment, 908—ab
acute, complicated by ulceration and rupture of esophagus, 1417—ab
and acute suppurative otitis media, 1321—ab
Matas, R., radical cure of aneurism, 900—O
Materia medica and pharmacology, teaching of, 2180—ab
Maternal characteristics, inheritance of, by larvæ, 975—ab
Matter, mind and, 278—E
Maturation and senility, 129—ab
Maxilla, treatment of fracture of inferior, with description of splint, 854—O
Mayer, E., foreign bodies in bronchi, 1528—O, 1582—O
Mayo, H. N., Rocky Mountain or spotted fever, 38—O
Mayo, W. J., surgical treatment of gastric and duodenal ulcer and its results, 912—O
McAllister, A., whole milk versus laboratory milk, 1087—O
McAuliffe, G. R., description of new adenatome, 777—O
McCaskey, G. W., study of nucleis in animal economy, 1800—O
McClanahan, H., hemorrhage in newborn, 1148—O
McCormack, J. N., conclusions from comparative study of status of medical profession in Great Britain and United States, 1043—O
McCormack, J. N., defective organization in Tennessee, 298—O
McCurdy, R. L., elbow-joint, injuries of with report of cases, 173—O
McDonald, E., mensuration of child in uterus with new methods, 1979—O
McKeen, E. L., relation of nerve-impulse to cutaneous inflammation, 5—O
McLean, H. T., gangrene, 1168—O
Meals, small frequent, in treatment of certain biliary affections, 1135—ab
Measles, early signs of, 2176—ab
study of spread of epidemic of, 160—ab

Measurements, apparatus for corporal, 2127—ab
Meat diet, influence of excessive, on growth and nutrition, 542—ab
dyed, 760
inspection, Chicago, regulations for, 1332—E
inspection in Queensland, 619
juice, raw, in malassimilation of children, 1061—ab
purity label for, 880
Meats, analysis of canned, 889
Mecca pilgrimage, 1750
Mechanotherapy, treatment of injuries to extremities by, 939—ab
Meckel's diverticulum, clinical experience with, and other vestiges of omphalomesenteric duct, 466—ab
Mediastino-pericarditis and its surgical treatment, 841—ab
Mediastinum, tumors of, Roentgen treatment of, 1091—ab
Medicaster, 1780
Medical and teaching professions, how may, coöperate to improve moral, mental and physical condition of young, 301—ab
association of southwest, 576
attendance, not required to provide necessary, 699—MI
certificate, examination for higher, in France, 527—E
council, general, of Great Britain; its powers and its work, 1250
council, new, in Turkey, 1750
education in London, 111
examiner, relation of, to medical director, 795—E
fallacies, 1104—E
forgeries, 2104
inspection of school children, 821
journals, how to subscribe to French, 1041
jurisprudence, teaching of, 798, 1116, 1308
profession, conclusions from comparative study of status of, in Great Britain and United States, 1043
profession, future of, of St. Louis, 1046—ab
Record: an enemy of the American Medical Association, 260—E
Record, private gain vs. professional benefits, 943—E
schools, interstate reciprocity and frauds in, 878
services, liability of corporations for, to employés, 1219
specialties, with reference to proctology, 1326—O
Medicine and surgery, borderland of, art of, 817—O
distribution of, samples of, in Fort Wayne, 127—P
field for art in, 1243
has regular, kept pace with art of healing? 1404—ab
history of, 1662
necessity of better provision for legal, in this country, 586—E
nurses' schools and illegal practice of, 1052—E
practice, 1800—MI
President Eliot on future of, 1269-E
progress of, in Philippine Islands, 248—O
prospects of, western, in China, 1050—ab
registration required before practicing, 529
substance and shadow in, 1762—ab
Medicines, character of, dispensed by physicians, 942—P
Medico-Chirurgical College, Philadelphia, additional data, 1248
Mediterranean fever, cause of, at Malta, 1029
Meetings, attendance at medical, 827
Megrail, W. F., modification of Esmarch-chloroform-inhaler, 868—O
Melancholia, cholesterin in, 982
Melena neonatorum, gelatin in, 2026
Ménière's disease, advisability of eliminating terms, and Ménière's symptoms from otologic nomenclature, 307—ab
Meningitis, cases of, with isolation of diphtheria bacillus from cerebro-spinal fluid, 2126—O
curability of tuberculous, 1220—ab, 1295—ab, 1325—ab
etiology of acute, 1325—E
lumbar puncture in tuberculous, 1081—ab
Meningocele, of unusual size, 939-ab
Meningococcus, poison of, 174—O
Menstruation as source of infectious and intoxications, 969—ab
during pregnancy, 1239—ab
in case of hysteria, chlorosis and heart affections, 1315—ab
Mensuration of child in uterus with new methods, 1979—O
Mental affections, family groups of, 1144—ab
affection in inhabitants of cities, 1145—ab
affections, non-recognition of, 1236—ab
disorder, hospital treatment of curable cases of, 1760—ab
disturbances, and ear affections, 1415—ab
infirmity not proved by tendency to it, 1414—MI
Mercurol, 1489—P
Mercury, etc., in relation to tests for occult blood, 816—ab
fatal poisoning by external application of bichlorid of, 1484—O
in syphilis, 1479—P
localization of, in system, 944—ab
salicylate, 821
Merrill, T., puerperal infection, 484-O
Mesenteric vessels, embolism and thrombosis of, 1429—ab
Mesentery, cysts in, 1144—ab
Mesotan, 1489—P
Metabolism in leukæmia under Roentgen treatment, 643—ab, 1599—ab, 2040—ab
lactic acid in, 1804—O
Metal radiation, 688—ab
Metatarsalgia, 2128
Methebrol, 1489—P
Methylene-blue eosin stain for blood and tissues, 1256—ab
frauds, 1627—O
Methylthionin hydrochlorid in inoperable cancer, 1846—O
Metritis, chronic, 959—T
Metropolitan board of health, report of, 968
Metzenbaum, M., ether-air anesthesia or drop method for administration of ether, 1682—O
Meyer, W., osteoplastic resection of costal-arch to reach vault of diaphragm, 1095—ab
Michigan checks disreputable advertising, 813—E
June report, 1126
May report and questions, 523
medical news, 212, 309, 441, 600, 788, 1039, 1107, 1201, 1396, 1573, 1747, 1837, 2018, 2099, 2165
new schedule of requirements, 533
Micrococous tetragenus albus, serious anemia from 1850—ab
Micro-organisms, modification of virulence of, by cultivation in other species, 775—P
study of nature of, found in mouths and throats of healthy persons, 1684—ab
Microscopes, 610
Microscopic preparations, to locate special points in, 1143—ab
Migraine, 1761—ab
and hypothermia in tuberculous, 1
gastrointestinal disturbances associated with, 1512—ab
Migrainin, 1489—P
Mikulicz memorial, 45
Military fever and rain, 1981—ab
fever, epidemic, 1775—ab
Milk and alcohol in hospitals, 941—E
cans, prohibits placing of offal, etc., in, 1924—MI
contaminated, in Great Britain, 194
in infectious diseases, 1614—O
injurious action of light and air on, 1431—ab
in typhoid fever, 1843
leucocyte content of, drawn from apparently healthy animals, 2110—ab
new Babcock, testing bottle, 804-O
precipitins of cow's, found in infant's blood, 725—ab
protection of, 1941
pure, and infant mortality, 1744—E
pure in Australia, 2160
question in Maryland, 1405
simple device for working directly with percentages in home modification of cow's, 432—ab
simple method for quantitative determination of proteids in, 1417—ab
skimmed, to be pasteurized, 1858—MI
supply, 1111
supply, comparative value of bacterial and temperature regulations for city's, 2110—ab
supply, control of, 2035—ab
supply, increase of power of local authorities with regard to, 899-ab
use of sodium citrate as modifier of cow's, 1941—O
value of small quantities of human, in treatment of infantile atrophy and infections of infants, 1804—O
Milk, whole, versus laboratory milk, 1027—O
Mills, C. K., unilateral ascending paralysis and unilateral descending paralysis, 1638—O
Mind and matter, 979—E
cure; its service to the community, 1468—ab
dangerous influence of overtaxing girl's, particularly at puberty, 895—ab
Mineral substances, part played by, in physiology of organism, 1516—ab
Ministers and patent medicines, 1502—P
Mink, O. J., gangosa, 1166—O
Minnesota health regulations, 783—E
reciprocity with, 52
June report and questions, 626
medical news, 213, 270, 515, 891, 788, 1107, 1573, 1925, 2099
October report, 1952
Minor, death of, from anesthetic administered for operation without father's consent, 1053—MI
Mirror, use of small, in studying apex beat, 1918—O
Mississippi medical news, 600, 1398, 1573
Missouri April and August reports and questions, 1410
medical news, 213, 891, 970, 516, 601, 788, 945, 1396, 2099, 2165
Mitchell, S. W., sudden paralysis of pharynx, 1997—O
Mitral stenosis, false, 734—ab
stenosis, relative, 1966
Mixtures, serviceable for infants, 1851—T
Models, skeletons and, 2105
Moloney, P., latent tuberculosis in children, 1547—ab
Money, tainted, 1899—E
Monocephalus, tetrabrachius tetrapus, 2158—O
Monster, dicephalous, 1738—O
Monocephalus, tetrabrachius tetrapus, 2158—O
Montana medical news, 1734
October report, 1952
Montgomery, E. E., uterine myomata complicating pregnancy, 1777—O
Moodie, E. L., contribution to study of quinin and iron in pneumonia, 110—O
Moore, J. E., treatment of bone-cavities, 345—O
Moore, T. W., striking idiosyncrasy to use of cocain in eye, 1486—O
Mooser, C. E., Rocky Mountain spotted fever, 606—O
Morax-Axenfeld, diplobacillus of, 955—O
Morbidity, puerperal, influence of disinfection of vagina on, 973—ab
Morgan, A. C., tetanus neonatorum, 2083—O
Mormon Bishop pills, 1624—O
Morphin in stenosis of esophagus, 1143—ab
poisoning, extraordinary case of, 1315
poisoning from opium or, in 7-weeks-old baby, 778—O
scopolamin, spinal anesthesia preceded by, 245—ab
separation of, from glycerin, 1407
Morphology, journal of, wanted, 135
Morrell, J., meningitis with isolation of diphtheria bacillus from cerebrospinal fluid, 2126—O
Morrow, P. A., publicity as factor in venereal prophylaxis, 1244—O
Morse, W. B., Cesarean section performed by cow, 1192—O
Mortality among athletes, 1213
among children of women working in tobacco, 1944
factors which have lowered operative, and have improved post-operative results, 1219—ab
infant, in England and Wales, 46
infantile, and health visitors, 1082
infantile and its principal cause—dirty milk, 2175—ab
national conference on infantile, 124
perinatal, and infantile in Great Britain, 2101
pure milk and infant, 1744—E
Mosher, H. P., examination and surgery of upper end of esophagus, 1895—O
Mosquito breeding areas, new provision for abolishing, 2118—MI
trap, electric, 819—ab
Mosquitoes, tastes of, 806—E, 1888
to what extent are infected present on shipboard? 2110—ab
Mothers, leaflet to give to young, 1498—ab
prizes for nursing, 1031
Motor driver's spine, 892—ab
Mouth disinfection in prophylaxis and treatment of pneumonia, 1762—ab
Mumps, blood changes in, 1868—E
ovarian inflammation in, 951
Murphy button in gastrointestinal surgery, 899—ab
Muscle, implantation of, to repair defect in long bone, 716—ab
transplantation in treatment of infantile paralysis of arm, 1433—ab
Muscles, paralysis of ocular, after lumbar anesthesia, 581
Museum, making of, of applied anatomy, 1943—ab
preparation for (not), new method of mounting, 1326
Musical instruments, effect of blowing on wind, with reference to tuberculosis, 1327—ab
Mussey, J. H., management of tuberculosis, 2121—O
Mutton, E. H., oil-of-tansy poisoning, 1917—O
Myasis, intestinal, 1779—ab
Myasthenia gravis sclerotica, 2129—ab
gravis, 1999—O
Myelitis, 391—ab
of pregnancy, 1776—ab
Myocardium, degeneration of, in hot climates, 1236—ab
Myoclonus, congenital, with nystagmus, 843—ab
epilepsy, case of, with autopsy, 1725—ab
Myoma and sarcoma of stomach, 1684—ab
results of operative treatment of, 973—ab
when to operate for uterine, 814-ab
Myomata, uterine, complicating pregnancy, 1777—O
Myomectomy during pregnancy and labor at term in elderly primipara, 2134—ab
Myopia, investigation as to cause of increasing, 1867

N

Names, catchy, and their dangers, 944—E
Narcolepsy, case of, from specific infection transmitted through five generations, 805—ab
Narcotics, test under statute as to prescribing of, 1769—MI
Nasal passages, clinical observations concerning, and relation they bear to organs of sight and hearing, 1055—ab
Naso-pharynx, congenital membrane in, 686—O
treatment of sarcoma of, by injections of adrenalin, 436—O
National confederation of eclectic medical colleges, 635
department of health, a, 1022—E
department of health, economic advisability of inaugurating a, 1003—O
examining board, 977
Formulary, 1888—ab, 1896—O
health department and insurance fee campaign, endorsed, 1935
Nature, defacement of, by nostrum-advertisements, 212—E
Nauheim baths, artificial, in chronic heart cases, 1054—ab
Navel, packet of aseptic materials for care of, and eyes of newborn child, 1830—O
Navy, sanitary questions in, 1138-ab
Nebraska August report, 1506
May report, 1126
medical news, 212, 270, 516, 967, 1202, 1469
new rules of state board, 963
rules governing examinations in, 1757
Needle story, migratory, 1699—E., 1842, 1894, 2034
Negri bodies in hydrophobia, 87—O, 1880—ab
Neisser to resume his syphilis research on monkeys, 1208
Nelson, L., effects of aperients on peristalsis of stomach and intestines, 1819—O
Neoplasms of colon, 825—O
Neo-vitalism, 1027—E
Nephrectomy, treatment of tuberculosis of kidney and bladder by, 957—ab, 2047—O
Nephritis, 1677—ab
acute, 1925—T
acute, after use of Peruvian balsam, 545—ab
acute, in scarlet fever, 805—T
acute (morbus brightii), 893—ab
addenda to therapeutic measure in certain forms of, 1976—O
cardiac hypertrophy as observed in chronic, 1854—O

Nephritis, complications and sequelæ of, 1078—ab
effect of dry diet in, 1232—ab
mild course of arteriosclerosis, in aged, 241—ab
operations for, 814—ab
treatment of, 241—ab, 1687—ab
uremic, 514—ab
Nephrolithiasis, 905—O, 1676—ab
Nephropexy, floating kidney, its significance and treatment with reference to method in performing, 1084—ab
new technic of, 189—ab
Nephrotomy, renal decapsulation and, in treatment of serious forms of eclampsia, 305—ab
Nerve fibers, regeneration of, 2130—ab
grafting for peripheral facial paralysis, 1424—ab
impulse, relation of, to cutaneous inflammation, 5—O
ulnar, as landmark of elbow, 1238—ab
Nerves, distribution of afferent, in skin, 645—O
Nervous affections after gynecologic operations, 241—ab
affections in puerperium, 1318—ab
system, cancer metastasis in central, 1519—ab
system, technic of operations on central, 706—ab
Neu, F. F., report of case of brain tumor, 101—O
Neuralgia and headache, 1225—T
and nasal disease, 741—O
is, functional disease? 289—ab
neurectomy for, 848—ab
Roentgen ray in, 958—ab
surgical treatment of trigeminal, 1227—ab
treatment of, and spasmodic tic with deep injections of alcohol, 270—E
treatment of trigeminal with camic acid, 1043—ab
Neurasthenia, 1764—ab
as modified by modern conditions; and their prevention, 1816—O
etiology of, 178
rest cure for, 864
Neurectomy for neuralgia, 848—ab
Neuritis, mental symptoms associated with alcoholic, 205—E
multiple motor, including Landry's paralysis and lead palsy, 287—ab
pseudo-optic, 1866—ab
puerperal lumbar, 213—ab
use of Roentgen ray in, 1415—ab
Neurocaine, 1680—P
Neurofibromatosis, diffuse, 1288—ab
Neurology, growth of, 1727—O
Neuromata, multiple, of skin, 1810-O
Neurenidia, 1490—P
Neurosa, cardiac and exophthalmic goiter, 1602—ab
motor, treated with hypnotism, 904—ab
Neurosis anguish, 2178—ab
of heart and arteriosclerosis in consequence of trauma, 1264—ab
Nevada, May and August reports, 1411
Nevi, cases of spontaneous intracranial hemorrhage associated with trigeminal, 178—O
pathologic significance of vascular, 370—E
New and non-official remedies, 858—P, 862—E, 926—P, 1050—P, 1052—P, 1110—E, 1300—P, 1372—P, 1407—P, 1584—P, 1662—P, 1740—P, 1821—P, 1910—P, 2013—O, 2060—P
New-born, hematoma of, 274—O
hemorrhage in, 1145—O
Newell, E. T., incremental dilatation of parturient uterus, 1831-O
New-Hampshire medical news, 370, 788, 2168
New-Jersey June report, 800
medical news, 281, 370, 609, 1168, 1268, 1573, 1682, 2060
October report, 2116
New-Mexico May report, 714
medical news, 2070
Newspaper advertisements, clean, 2113
one not controlled, 198—P
Newspapers and quacks, 1269—E
New-York medical news, 44, 119, 215, 281, 371, 441, 516, 601, 691, 788, 867, 946, 1029, 1107, 1202, 1326, 1397, 1466, 1573, 1682, 1763, 1837, 1936, 2016, 2093, 2162
needed reforms in medical laws of state of, 1804
reciprocates with Ohio, 1411
Nieder, C. P., quinin and iron in pneumonia, 275—O
Night work, injurious influence of, on composition of blood, 709
working, 1749 E
Nile boils, 1269—ab
Niles, H. D., surgical conception of sigmoid pathology, 832—O
Nitrate of amyl, mechanism of therapeutic action of, 1231—ab
Nobel prize in medicine, 2016—E
prize to Golgi and Ramon y Cajal, 1750
prizes, America's neglect of, 1933
Noble, C. P., fibroid tumors of uterus, 1831—O, 1966—O, 2065—O
Nodules, cause of vocal, 220—ab
Nolens, street, of London, 2022
Nomenclature, obstetric, 80—ab
official, of disease, 632
North-Carolina May report and questions, 140
medical news, 441, 601, 788, 1029, 1202, 1397, 1466, 1574, 1682, 1748, 1936, 2060, 2167
North-Dakota July report and questions, 881
medical news, 271, 601
October report, 1949
to be congratulated, 2015—P
Northrup, W. P., open-air treatment of pneumonia, 1118—O
Norton, J. P., economic advisability of inaugurating a national department of health, 1032—O
Nose, accessory sinuses of, and pneumococcus infections, 1345—O
and throat examinations, new shield for use in, 775—O
and throat, relation of smoke-laden atmosphere to diseases of, 384—ab
function of accessory cavities of, 230—ab
intranasal conditions bearing on etiology of ear diseases, 1125—ab
mental symptoms due to disease of, 1055—ab
nasal disease and neuralgia, 741—O
obstruction of, 980—ab
paraffin injections for deformities of, 1130—ab
remarkable osteo-calcareous tumor in, 271—O
removal of malignant tumors in, through upper jaw, 546—ab
resection of septum for primary tuberculosis of, 902—ab
sarcoma of, 980—ab
septum of, treatment of deviations of, 2040—ab
some recent rhinologic achievements and tendencies of, 162—O
submucous (or window) resection operation for correction of deflections of septum of, 1130—ab
value of skiagraphy in surgery of, 1131—ab
Nostrum advertisements, defacement of nature by, 210—E
advertisements in religious press, 1952—E
alcohol consumption, 2023—P
evil, physician's responsibility for, 962—O
men, tricks of, 1687—P
regulations in Australia, 1031
Nostrums, 227
and advertising, 1117
and fraudulent methods of exploitation, 1648—O, 1822—O
and proprietary medicines, 719—ab
evade laws, 247
Novocaine, 1584—P
Novy, F. G., cultivation of spirillum obermeieri, 2152—O
Nuclein, rôle of, in animal economy, 1950—O
Nucleoproteids in septic affections, 974—ab
Nurse, liability for negligence of, in sanitarium, 1225—M1
plea for square deal for wet, 1958—O
Nursery, Rémond, at Lyons, 1250
Nurses' schools and illegal practice of medicine, 1826—M1
Nutrition, discussion on, in section of physiology, British Medical Association, 1922—ab
in various dermatoses, 1771—ab
Nutrose, 1490—P
Nystagmus, congenital myoclonus with, 249—ab
unilateral rotary, 1967—ab

O

Oath administered to Kansas students, 51
Obesity cure, 1627—O
dietetics of, 820—O
foods, 1627—O
remge for, 1940
thyroid treatment of, 974—ab
treatment of, 819
Obstetric experiences, 725—ab
Obstetrician, successful, 1405—ab
Obstetrics, scopolamin-morphin in, 1922—ab
Obstetrics, teaching of, 702—ab
Occipito-posterior positions, treatment of persistent, 1765—ab
Occult blood, detection of, in stools, 1384—ab
hemorrhage, high hemorrhoids as cause for, 1141—ab
hemorrhages, significance of so-called, in diagnosis of ulcer and carcinoma of stomach, 630—ab
Occupation affections, 122
Ochronosis, 544—ab
Ochsner, A. J., femoral hernioteomy, 751—O
Ocular muscles, paralysis of after lumbar anesthesia, 231
muscle, senile atrophy of, 975—O
rotations, axioms concerning, 383-O
therapeutics, value of Roentgen ray in, 264—O
Odor as guide in treatment of chronic suppuration of middle ear, 1733-O
Ohio June report and questions, 2114
medical news, 271, 516, 601, 692, 787, 946, 1029, 1267, 1769, 1827, 2015, 2160, 2167
medical university, state board examination statistics with, 82
reciprocity with, 82
rules governing examinations in, 1723
Ohlmacher, A. P., poison of meningococcus, 174—O
Oil of tansy, poisoning from, 899—O, 1917—O
Ointment, is boric acid, sterile? 770
Oklahoma June report, 2015
medical news, 1317, 1426, 1749
September report, 1951
Olander, E., poisoning from opium or morphin in 7-weeks-old baby, 776—O
Olecranon, fracture of, 727—ab
Olive oil, cholelithiasis treated by, 1402—ab
Omentum, functions of, 685-ab, 2127-ab
Omentin, water situation in, 956—ab
Operating and office table, new, combined, 2160—O
room, to improve an, 1420—ab
Operation, history of mastoid, 92—O
liability for performance of unauthorized, 1826—M1
report of four cases showing results of Killian's, 168—O
Operations, some of unusual interest on women, 721—ab
technic of, on central nervous system, 703—ab
Ophthalmia, diphtheritic, 1844
sympathetic, 1229—ab
Ophthalmic practice of present time, 455—O
Ophthalmoscope, two cases illustrating value of, as an aid in diagnosis of cases of brain lesions, 1329—ab
Ophthalmotrope, model for new, the genioscope, 710—ab
Opiates, aggravation of effect of injury by use of, 926—M1
Opinions of unprofessional observers as to sanity, 985—M1
Opium drunkenness, divorce for, from medicine, 804—M1
poisoning from, or morphin in a 7-weeks-old baby, 776—O
trade, 632—E
traffic, China and, 1469—E
Opposition to institute and its endorsers, 1317
Opsonic-index in medicine, 260—ab, 1772—O, 1795—O
in typhoid, 2150—O
observations on and antipneumococcal power of blood in pneumonia, 1766—ab
of tuberculous patients undergoing sanatorium treatment, 321—ab
Shaw on, 2035—E
Optic nerve, treatment of progressive atrophy of, due to acquired syphilis, 823—O
Oral cavity, relation of systemic diseases to conditions of, 254—O
Orbit, foreign body retained in, for nearly four years, 784—ab
Orchitis, present operative necessities for cure of tuberculous, 1944—ab
Oregon May and July reports, 1315
medical news, 271, 946, 1407, 1974
Orendorff, O., improved cautery tip, 305—O
Organization, defective, in Tennessee, 998—O
how remedy defects of, 1419—ab
medical, 1418—ab
of profession in Austria, 1665
of profession in Bohemia, 2101
plea for, 1499
Organotherapy, danger in, 1648—E
Orientalism, or change to Eastern appearance, 229—ab, 307—E
Orientation, electrical, in spinal anesthesia, 257—ab
Orthoform-new, 1584—P
hydrochlorid, 1584—P
Orthopedic armamentarium, contributions to, 2061—ab
Orthopercussion and relative heart diameters, 1219—ab
Osborne, G. T., therapeutic uses of thyroid preparations, 1475—O
Osler one of biggest in bunch, 1969
Osmic-acid, in trigeminal neuralgia, 2043—ab
possible danger in therapeutic use of, 926—ab
Osmond, A. E., ethyl chlorid as general anesthetic, 1625—O
Ostetitis deformans with Huntington's chorea, 1265—ab
Osteogenesis imperfecta, 1269—ab
Osteomalacia cured by Roentgen exposures of ovaries, 63
Osteomalacia, is, thyroid affection? 543—ab
Osteomyelitis, treatment of, with iodoform bone plugging, 2020—O
Osteopathy, physician's impression of, 999
Osteoplasty, combined superior tibiofibular and astragalo-fibular, to prevent shortening after extensive osteomyelitis of tibia during adolescence, 1329—ab
Otis, E. O., tuberculosis dispensary, its methods, value and limitations, 2154—O
Otitis and mastoiditis, acute purulent, treated by artificially induced hyperemia, 1137—ab
media, acute suppurative, and mastoiditis, 1321—ab
media acute suppurative post morbillos, etiology of, 718—ab
media, results from operation for chronic purulent, 2122—ab
treatment of, 2045—ab
treatment of purulent, by congestive hyperemia, 1137—ab
wrong-track from, 905—ab
Otology in its relation to rhinology and laryngology, 1809—O
Otorrhea, importance of treatment of chronic, 1682—ab
Out-patient department, reform of, in public hospitals, 48, 371
Ovaries, 981
action of Roentgen ray exposures on, and gravid uterus, 2177—ab
conservative surgery of, 1449—O
microscopic findings in rabbit, after Roentgen exposures, 77—ab
Roentgen exposure of, during pregnancy, 1142—ab
transplantation of human, 1885—ab
Ovariotomy, remote results of, 1900—ab
Ovary and tube, hernia of, 1707—O
bilateral metastatic carcinoma of, 1691—ab
cysts of situated above superior pelvic strait, complicated by pregnancy, 1220—ab
large gelatinous tumor of, 1686—ab
teratoid tumors of, 1691—ab
tumor of, removal of enormous, 1126—ab
tumors of, is it permissible to remove, in sections, 1692—ab
Over-eating by poor, 227—E
Over-feeding and under-feeding, metabolic aspects of, 1761—ab
Over-nutrition and under-nutrition, 1922—ab, 1763—ab
Oversight, remarkable, 821
Overwork, signs of, 1149—ab
Ovoferrin, 1584—P
Oxaluria as cause of prostatic and urethral disturbance, 1767—ab
Oxaphor, 1584—P
Oxidation, administration of drugs to concurrently retard and stimulate systemic, 459—ab
Oxygen in gynecology, 1699—ab
radiograms after injection of oxygen into joint, 1141—ab
use of, in asphyxia neonatorum, 1765—ab
Ozena, removal of crusts in, 2178—ab
successful treatment of, with paraffin injections, 988—T

P

Paget's disease treated by x-ray with microscopic findings in one of three after prolonged treatment, 257—ab
epitheliomatosis, 1771—ab
Pain, meaning and mechanism of visceral, 210—ab
Palate, mixed tumor of soft, 1288-ab
Palates, etiology of cerebral, in children, 2125—O

Palay, isolated, of right external rectus, 972—O
Panama, affairs in, 899
Health report of Isthmus of, for July, 661
Pancreas achylia, functional, 1422-ab
cancer of, 1215
complete removal of multilocular cystic tumor of, 158—ab
cysts of, 1402—ab
surgery of, 1407—ab
Pancreatic disease, nucleus test in, 1357—ab
Pancreatitis, 144—ab
acute, five cases, 1284—ab
hemorrhagic and gangrenous, 1403—ab
Papilloma of larynx, unusual case of, in child treated by local application of formalin, 2134—ab
Paracentesis, improved technic for, 315—ab
Paraffin injections for deformities of nose, 2130—ab
injections, successful treatment of cases with, 309—T
plates as an aid in operations for extensive symblepharon, 870—O
prothesis, 926—ab, 1425—ab
prothesis, histopathology of, 1957-ab
Paralysis, relative value of surgical procedures for relief of, following acute anterior poliomyelitis, 1137—ab
Paralysis during croupous pneumonia, 737—ab
muscle transplantation in treatment of infantile, of arm, 1422-ab
nerve grafting for peripheral facial, 1424—ab
of pharynx, sudden, artificial feeding for four years, 1067—O
surgical traumatism and facial, 901—ab
unilateral ascending and unilateral descending paralysis, 1425—O
Paramedian study of in twenty-seven cases of carcinoma of the cervix and its clinical significance, 1515—ab
Parapancreatic cysts, 1079—O
Paraplegia, compression, 2041—ab
exercises in treatment of spasmodic, 580—ab
Parasite, new intestinal of man, paramœba hominis, 826—ab
Parasites, prevalence of intestinal, in Siam, 1039—O
Parasythesid affections, 1429—ab
Parasythesis and ptomain poisoning, 1425—ab
Parasols and spirochœta pallida, 1917, blood pressure in, 1241—O
symposium on (general), 760—ab
Parks, A. H., determination of normal temperature of closed inguinal fold of child, and its clinical significance, 1019-O
Parsons, J. C., improvised pocket case for eye droppers, 777—O
Parturient, new frozen section of body of, dying at expulsion period, 216—ab
Parturients, protection of, 814—ab
Pasteur treatment of hydrophobia, causes of failure in, 1922—ab
treatment of hydrophobia, paralytic accidents observed under, 1284—ab
Patella, treatment of fractures of, 286—ab, 1177—O, 1397—ab
Patent-medicine, an instance of, habit, 897—P
before German courts, 1110
to be unprotected in Switzerland, 2021
wants to arrest, man, 697
Patent-medicines and artificial foods in America, 1396—P
German campaign against, 897—P
ministers and, 1300—P
Patents, new, 160, 236, 316, 1144, 1604, 1920
Pathologists in hospitals for insane, 1102—E, 1304
Pathology, certain phases of recent work in, and physiology, 849—O
chair of comparative, at University of Liverpool, 2022
Patients, limitation of experiments in hospitals on, 522
Patients, seeing, in one state, and sending medicine from another—no vested right, 235—MI
tendency to kidney stones in tuberculous under forced feeding, 247
Paul, L. G., modification of Reese urethral irrigator, 1936—O
Pauperism in London, 1940
Pearce, R. M., tuberculosis of adenomyomas of uterus, 709—O
Pediatric outlook, 257—O
Pediatrician, opportunity of, 729—O
Pedicle, three cases of twisted, 1139—ab
Pegnia, 1656—P
Pelvic disease, chronic headache associated with, 1225—O
disorders, affections of eye in relation to, 1256—ab
Pelvis, anatomic experimental and clinical researches on operative enlargement of, 540—ab
measurement of, 1294—ab
measurements of, with Roentgen ray, 892—ab
plastic operation on, 1142—ab
Pemphigus, limited to mucous membranes, 1736—O
neonatorum, 1230—ab
Penn, R. S., packet of aseptic materials for care of navel and eyes of new-born child, 1930—O
Pennsylvania homeopathic examination, 140
June examination, 554
June report and questions, 139
medical news, 45, 120, 214, 282, 372, 441, 517, 601, 692, 767, 837, 947, 1020, 1106, 1262, 1300, 1366, 1497, 1574, 1662, 1749, 1838, 1927, 2019, 2100, 2167
Pentecostal, essential, in two brothers, 1416—ab
Pepsin, effect of alkalies and other drugs on efficiency of, 607
Peptic ulcer, 1774—ab
ulcer, case simulating, 806—ab
Percussion findings, graphic representation of, 895, 1302
Pericarditis, adherent, in children, 156—ab
effects of, on heart, 1429—O
following head injury; paracentesis, 1770—ab
in children, 1328—ab
Pericardium, adherent, with ascites, 2037—ab
Pericolic inflammation, causes, sequelæ and treatment of, 1357-ab
Perineum, neglected incomplete rupture of, and its cure, 886—ab
Peritoneal adhesions, 1126—ab
Peritoneum, rôle of, and of lymphatic system in abdominal surgery, 153—ab
to enhance resisting powers of, in tuberculous infection, 1149—ab
tuberculosis of, 1401—ab
Peritonitis, acute septic, 1129—ab
cure of tuberculous, 1188—O
diffuse, 1219—ab, 1284—ab
diffuse, from perforation in course of tuberculous intestinal process, 158—ab
pneumococcic, in children, 76—ab
pneumococcus, 1284—ab
treatment of diffuse suppurative, following appendicitis, 889—ab, 2035—ab
what has surgery left to medicine in treatment of, 130—ab
what is general suppurative, 1402
Peroxid of hydrogen in examination of sputum, 1296—ab
of hydrogen to enhance action of, by catalysis, 1218—ab
Pertussis, 222—T
Peruvian balsam, acute nephritis after use of, 545—ab
Pessaries, uses of, 238—ab, 1691—ab
Pessary, stem, for amenorrhea and dysmenorrhea, 2133—O
Peterson, R., urinary incontinence, 1447—O
Petrolatum, liquid saponated, improved, 2023—P
Pets, transmission of diseases by, 1214
Pettenkofer prize awarded to Schaudinn, 789
Pfaff, F., effects of aperients on peristalsis of stomach and intestines, 1819—O
Phagocytosis of red corpuscles, 1768-ab
of typhoid bacteria, 1559—ab
rôle of, in pneumococcidal action of pneumonic blood, 1229—ab
studies on, 580—O
Pharmacology, 125, 285, 605, 700, 872, 1208, 1316, 1392, 1500, 1697, 1751, 1930, 2023, 2101
Pharmacology, application of physical chemistry to, 1322
Pharmacopœia, an imperial, 1221—ab
coming revision of United States, 1920—O
corrections to, 2101—P
for infants, 1702—T
new Austrian, 573
Spanish, 2101—P
supplements to, 2102—P
the next, 2162—MI
United States, 1584—ab
Pharmacy, plea for more thorough course in practical, in medical schools, 1257—ab
Pharyngitis, acute, 1412—T
Pharynx, lymphosarcoma of, limiting motions of jaws and axis by invading prevertebral and pterygomandibular spaces, 2133—ab
sudden paralysis of, 1967—O
technic of tubation of, to facilitate administration of anesthetics and to prevent inhalation of blood in mouth and face operations, 839-ab
Phenacetin, 1395—P
(acetphenetidin) vs. acetanilid, 1923—E
and acetphenetidin, 82
Pheno-bromate, 125—O, 125—P
Phenocoll hydrochlorid, 1388—P
salicylate, 1388—P
Philippine plants, 680
Philippines, cholera in, 45, 518, 1031
Phlebitis, late, following clean abdominal operations, 894—ab
Phloridzin diabetes, test, 1229—ab
Phosphin, poisoning from emanations of, from commercial ferro-silicon, 951
Photographing the dead for identification, 708
Phototherapy of affections due to parasites in blood, 2044—ab
Phrenosin and cerebron, facts showing that, are practically identical, 228—ab, 1284—ab
Phthisis in Calcutta, 869
Physical behavior, relations between, and action of drugs, 975—ab
examinations, interest and requirements as to, 1414—MI
Physician and patient, relation between company's, 150—ab
and pharmacist, 1584—ab
as independent therapeutist and prescriber and opponent of quackery in general, 895—ab
can not recover for street railway's damage, 1134—MI
cross-examination of,—discrediting evidence, 893—MI
delicensed, 298
duty of family, in regard to proper mental and physical development of children under his care, 261—ab
duty of injured person as to employing, 1062—MI
in politics, 1404—ab
novel method of libelling a, 272
what is resident, 1211
Physician's best asset, 117—E
bill, right of executors to allow, 1414—MI
service of, admissible evidence as to value of, 1053—MI
Physicians and daily press, 2066—E
and popularity in Germany, 1580-E
attending, may testify to probabilities—cross-examinations, 717—MI
character of medicines dispensed by, 949—P
decrease of drinking among, 680—E
employment by conductor of, for trespasser, 804—MI
in public life, 42
in public life in Spain, 122
naming streets after living, 122
rules for resident, 258
school, act relative to appointment of, 2118—MI
sins of, 1037—P
Physiology, certain phases of recent work in pathology and, 849—O
points in uterine and ovarian, and pathology in rabbits, 841—ab
Pigeon-toe, simple method of correcting, or inward rotation of thighs, 2129—ab
Pile cure, fifteen minutes, 1629—O
Piles, inflamed and protruding, 893-T
Pills, profits on, for charity, 1998
Pilsbury, H. C., reduplication of heart sounds, 2148—O
Pilocarpin, 684
Piperazine, 1656—P
Pisek, G. R., unheeded principles involved in dietetic management of infants during hot weather, 208—O
Pitfield, R. L., cure of tuberculous peritonitis, 1199—O
Pitfield, R. L., use of small mirror in studying open bast, 1919—O
Pituitary body, 827
Pityriasis rubra, case of, 1515—ab
Placenta-previa centralis, treatment of, by Cæsarean section, 1229—ab
successful delivery of twins in, 1891—O
treatment of, by Cæsarean section, 2123—ab
Placen, change desirable in meeting, 1110
Plasmodium and malaria, effect of, on birth rate in India, 1032
conditions in Calcutta, 1399
in India, 947, 1577, 1751
in Turkey, 1032
study of case of, 1459—ab
transmission of, by rats, 1390
Plaster-of-Paris, 237—ab
dressings, 1119
Plasters, Ordway's, 1629—O
Plastic operations on thorax, 2177—ab
Pleura, pleuritic exudates in children, 1402—ab
Pleurisy and appendicitis, 2179—ab
and empyema, treatment of, 1670—ab
with effusion and pulmonary tuberculosis, 926—ab
Plummer, E. M., modification of simple mastoid operation which shortens convalescence by facilitating wound repair, 1701—O
Pneumococci, studies of simple and differential methods of staining encapsulated, in smear and section, 1927—ab
Pneumococcus infections, accessory nasal sinuses and, 1351—O
peritonitis, 894—ab
Pneumonia, 144—ab
alcohol in, 1284—ab
and other pulmonary infections, intestinal origin of, 1221—ab
and pleurisy, differential diagnosis of, with effusions, 1270
arsenic in, 2026—ab
bacteriologic examinations of conjuctival sac in typhoid and, 1417—ab
complicating pregnancy, 680—ab
counter-irritants in, 1194
dynamic effects of antipneumococcic sera in, 2129—ab
epidemic, 1284—ab
fremitus in, 657—ab
mortality from lobar, in high altitudes, 1504—ab
mouth disinfection in prophylaxis and treatment of, 1708—ab
open-air treatment of, 1182—O
paralysis during croupous, 737—ab
postcritical fever and other sequelæ of croupous, 736—O
postdiphtheritic, 542—ab
quinin and iron in, 110—O, 272—O
Roentgen examination in case of centrally located, 2045—ab
sugar in urine during, 402—ab
treatment of, 315—ab, 467—ab, 2174—ab
Westphal's sign in croupous, 1434—ab
when to use medicines in, 1858—ab
Pneumothorax, artificial, in treatment of tuberculous pulmonary processes, 1236—ab
Pneumotoxin, 1419—ab
Pocket case, improvised, for eye droppers, 777—O
Poisoning, acetanilid, from absorption, 350—P
acute carbolic acid, recovery, 425—O
cases, provides for analyses in supposed, 1708—MI
chronic atropin, 620—ab
competency of witnesses to testify to, 1936—MI
fatal, from external application of bichlorid of mercury, 1484—O
from canned beans, 1381—ab
from emanations of phosphin from commercial ferro-silicon, 951
from oil of tansy, 580—O, 967—O, 1917—O
from opium or morphin in 7-weeks-old baby, 776—O
lysol, 804—ab, 1062—ab
water gas, 1958—ab
Poisonous substances, warning circular for workmen employed in, 2045—ab
Policeman health officer, authorizes appointing, 2035—MI
Poliomyelitis, acute epidemic, 284—E
relative value of surgical procedures for relief of paralysis following acute anterior, 1137—ab
Polish, lessons in, 1775, 1940
Pollakiuria in liver affections, 1241
Pollantin (Fall), 1652—P
powder (Fall), 1657—P

Pollantin, hay-fever treatment by Dunbar's remedies, 576, 647, 823, 905, 794
Polycythemia, 727—ab, 1285—O
vera, 516—E
with enlarged spleen, 1060—ab 1254—ab, 1423—ab
Polypi of appendix, 259—O
origin of choanal, 463—ab
Poor, over-eating by, 387—E
Population of cities in educational number, 1116
Porro Cesarean section for pregnancy, with complicating fibroids, 1127—ab
Porter, M. F., propneumo-appendix due to obstruction by fecal concretion, 425—O
Porto Rico Medical Association, annual meeting of, 1629
Postmortem examinations of burned bodies, 1305—E
Postoperative comfort, 460—ab
Posture, results of, 900—ab
Potassium iodid, incompatibility of, 718—T
Potter, G. W., congenital malformation of heart, with malposition of certain viscera and absence of spleen, 383—O
Potter, N. B., cardiac hypertrophy as observed in chronic nephritis, 1354—O
Potter, N. B., opsonic index in medicine, 1722—O, 1793—O
Potts, B. H., danger from careless use of alkaloid of suprarenal gland, 118a—O
Pott's disease, 901—ab
three cases of, and one of coxalgia with unique feature, in adults, 1414—ab
Power, J. E., relation of systemic diseases to conditions of oral cavity, 324—O
Power of local surgeon, 1134—MI
Pozzi's gold book, 284, 1059—ab
Practice, more than half century of, 51
Practitioner, attitude of general, toward obstetrics, 1405—ab
business problem of general, 1417—ab
Practitioners, advertising by medical, 373
Pregnancy, actinomycosis and, 2042—ab
and labor complicated by anterior fixation of uterus, 1328—O
and tuberculosis, 90—ab
case of abdominal, 225—ab
chorea of, 976—ab
diagnosis and treatment of ectopic, 71—ab
evil effect of, on laryngeal tuberculosis, 727—ab
in tabetic, 79—ab
indications for surgical operations during, 389—ab
influence of, on deafness, 608
modern treatment of toxemia of, 234—ab, 1675—ab
myelitis of, 1774—ab
myomectomy during, and labor at term in elderly primipara, 2124-ab
ovarian, 1139—ab
pneumonia complicating, 460—ab
removal of intraligamentary cyst and bilateral cophorectomy during early, without interrupting gestation, 718—ab
retroverso-flexions in relation to, 1849—ab
rupture of interstitial tubal, 1419—ab
simulated extrauterine, 1629—ab
symposium on indications for interruption of, 1297—ab
toxemia of, 1856—ab
treatment of extrauterine, near term, 1060—ab
treatment of toxemia of, 234—ab, 1675—ab
tubal, 1864—ab
typhoid occurring during, 809—ab
uncontrollable vomiting in, necessitating interference, 1629—ab
uterine myomata complicating, 1777—O
uterine fibroids complicating, 1127—ab
Prescribing, dispensing versus, 1795—O
Prescription not competent evidence of insanity, 79—MI
Preservatives, increase of use of, in food, 1376
in food, 949—ab
Press, physicians and daily, 2088—E
Pressly, G. W., polypi of appendix, 259—O
Pretuberculous state, points on diagnosis and treatment of, 1227—ab
Prisoners, removal of, to hospitals for treatment, 1954—MI
Private gain vs. professional benefits, 942—E
Privilege, power of executor of will to waive, 717—MI
waiver of, under statute—cross-examination, 1134—MI
Procidentia recti, prolapsus ani, 293
Proctology, medical specialism, with especial reference to, 1385—O
Profession and its advancement, 1403—ab
future of medical, 1674—ab, 1771—ab
duty of medical, to public in matter of venereal diseases, and how to discharge it, 1948—O
negligence of, in securing establishment of temporary detention quarters for alleged insane, 144—ab
relation of medical, to social evil, 29—O
responsibilities of, 1743—E
Professional benefits, private gain vs., 942—E
Progress, review of surgical, 81—O
Prolapsed ovary in femoral ring, simulating strangulated femoral hernia, 966—ab
Prolapsus ani and procidentia recti, 293
Proprietaries and patent medicines, 1675—ab
and pharmacopeial preparations, comparative prices of various, 2084
physicians and proprietins, 339—ab
Proprietary drugs and foods, labeling, 1054—MI
medicine question and Council of Pharmacy and Chemistry, 1674—ab
medicines, 977—O
medicines and their abuses, 979—O
medicines, debasing influence of, 1501—P
medicines, nostrums and, 719—ab
medicine, physicians use of, 1958—ab
preparations, pharmacopeial or, which? 683—O
prostitutions, 1308—P
remedies in Austria, 1407
remedies, prescribing of, 1585—ab
Prostate, carcinoma of, cases of, 1511—ab
enucleations of, 462—ab, 900—ab, 1960—ab
female, 1684—ab
four cases of, osteoplastic cancer in, 315—ab
galvanic and other treatment of, 537—ab
hypertrophy of, surgical treatment of, 719—ab, 736—ab, 1850—ab, 1955—ab, 1960—ab
marked albuminuria from prostatic abscess of, 576—O
methods in diagnosis and treatment of, 1137—ab
surgery of, present position of, 811—ab
vital points in technic of suprapubic enucleation of, for benign enlargement, 1151—O
Prostatectomy, suprapubic cystotomy as preliminary to, and as route for performance of considerable number of, 1137—ab
Prostatectomy, 1129—ab, 1135—ab, 1230—ab, 1229—ab
consequences of transvesical, 155—ab
indications for, and results of operation, 1153—O
in two stages, phosphatic calculi following suprapubic, 1136—ab
results of, 721—ab
sequels of, 721—ab
Prostitution a problem in its relation to law and medicine, 2071—O
what effective measures are there for prevention of spread of syphilis and increase of, 1373—O
Protection of infants and young children from tuberculosis, 1396—ab
Proteid nomenclature, 1043—ab
Pruritus ani, 454—ab, 1224—T
Pseudo-digestion, putrefactive, 139—ab
Psoriasis, 892—T
cure of, with study of 350 cases in private practice, 1630—O
influence of light hunger in production of, 1614—ab
sun baths for, 324—ab
Psychiatry, cerebral localization and study of, 1419—ab
Psychical faculties, scientific investigation of, or processes in higher animals, 1515—ab
Psychology, clinical, 1944—ab
new, 709—ab
Psychoses, devolutional, 909—ab
Psychotherapy, experience with simpler methods of, and re-education, 1505—ab
manual training for medical students and instruction in principles of, 301—ab
Ptomain poisoning and paratyphus, 1422—ab
Ptoses, rational treatment of visceral, 538—ab
Ptosis, Fergus operation for, 1586—ab
Publiotomies, eleven, 2129—ab
sixteen, with needle, 2049—ab
Publiotomy, 1328—ab, 1329—ab, 1850—ab
and artificial premature delivery, 2177—ab
childbirth after, 1148—ab
prevention of injury in, 1902—ab
Public health defense league, 1748—E
diploma of, in Australia, 1110
interest of, in medication, 1607
proposed department of, in Ontario, 1031
questions, medical women and, 1514—ab
service, 51, 135, 222, 290, 579, 651, 580, 610, 702, 797, 825, 866, 1043, 1125, 1211, 1319, 1388, 1396, 1582, 1671, 1755, 1806, 1941, 2085, 2108
smoke problem and, 384—ab
state undecided and, 949—P
venereal disease and, 511—E
what shall we teach, regarding venereal disease? 1260—O, 1269—O
Publication, priority in, 2108
Publicist, first French, 1918—E
Publicity as factor in venereal-prophylaxis, 1344—O
Puckner, W. A., chemistry of organic silver compounds, 1282—O
Puckner, W. A., solubility of acetanilid in sodium bicarbonate solutions, 1208—O
Puerperium, nervous affections in, 1518—ab
venous thrombosis in, 1233—ab
Pulp, pathologic features of, 916—O
Pulse, cessation of, during onset of epileptic fits, 845—ab
curves, relation of, to blood pressure, 1231—ab
dicrotic, with aortic insufficiency, 1775—ab
in aortic disease, 1231—ab
reflexes, visceral, 1884—ab
Pure-food and drug legislation, state, needed, 385—E
bill, 129
law, 41—E, 116—E
Purgative, 1657—P
Purgatives, abuse of, 1219—ab
Purpura, 143—ab
hemorrhagica, case of, 936—O
Purpuric conditions, treatment of, and hemophilia, 1060—O
Pusey, R., point in management of uterine sarcomas, 2150—O
Putnam, W. E., case of tetanus neonatorum with recovery, 583—O
Putrefaction, intestinal, 1406
Pyelitis, 246—P
Pylorogastrectomy for cancer of stomach, 901—ab
Pylorus, congenital hypertrophy of, 229—ab, 1362—ab
congenital stenosis of, 139—ab, 460—ab, 1322—ab, 1585—ab
Pyramidon, 1657—P
acid camphorate, 1657—P
neutral camphorate, 1657—P
salicylate, 1657—P
Pyuria, 1417—ab
without suppurative processes, 794—ab

Q

Quack doctors and quackery, 721—E
Quackery, 703
expensive, of doing good, 1934—E
fighting, 1627
in Germany, 604
Quacks convicted and sentenced in Germany, 1629
exposure of, 1279
German clergymen on, 1629
newspapers and, 1629—E
regulations against, in Austria, 1021
Quarantine, length in diphtheria, 291
neither county nor members of board of health liable for quarantine through mistake or for loss of crops, 1294—MI
Quartenol, 1745—P
Quinckes, H., German view of specialism, 1263
Quinin, action of, on hemoglobin and test for carbon oxid in blood, 1317—ab
and iron in pneumonia, 110—O, 272—O
best time to give, 1417—ab
Quinin-caffein external applications in hay-fever, 2044—ab
fever, 2035—ab
treatment of cholera, 1009—O

R

Rabies, action of radium in, 547—ab, 816—ab
etiology of, 644—ab
Negri bodies in, 1360—ab
preservation of virus of, in glycerin, 1893—ab
Race failure and race suicide, 1214
Radiographs of interesting cases, 485—ab
Radioscopy of infant's stomach, 900—ab
Radium, in rabies, 547—ab, 816—ab
in surgery, 199—O
in trachoma, 899, 1696—ab
much, in Vienna, 1110
Radiumite, 1696—O
Ragweed extermination, 703—E
Railroad company, liability of, to surgeon under rules, 1510—MI
Randolph, R. L., injuries of independence day, 17—O
Ranschoff, J., treatment of fractures of patella, 1177—O
Rations, portable, for soldiers, 1128—ab
Rattlesnake bite, death from, 2012—O
Ray, T. P., total luxation of spine, 1377—O
Reciprocity, 892—E
and qualifications as viewed by Illinois board, 218, 373, 448
impracticability of inter-state, 889—O
in Illinois, 66, 488, 1410
interstate, and frauds in medical schools, 697, 876, 1088, 1118, 1293, 1578
interstate, in medical licensure, 1086—ab, 1415—ab
New York with Ohio, 1411
case, 1284, clause in, 1284
with Minnesota, 24
with Ohio, 52, 135, 1411
with South Carolina, 1737
with Texas and Georgia, 221
Recreation, dangers of, 1316
Rectal pathology due to extra-rectal causes, 454—ab
speculum, new, 1284—ab
tube, improved post-operative, 1057—ab
Rectum, ataxic, 454—ab, 1054—ab
axioms in treatment of cancer of, 1227—ab
cancer of, 458—ab, 901—ab, 2128—ab
cancer, remote results of radical operation of, 226—ab
ether narcosis by, 300—ab
in its relation to diseases of women, 1322—ab
mercurial treatment of syphilis by way of, 76—ab
new operation for carcinoma of, 459—ab
new rectal enemator, 273—O
operative treatment of cancer of, 463—ab
parasitic tuberculosis of, 2045—ab
retention of sphincter in removal of cancer, 1602—ab
stenosis of, from expelled myoma, 1302—ab
technic of local anesthesia in surgery of, 454—ab
Rectus, case of isolated palsy of right external, 274—O
Red Cross pact, new, at Geneva conference, 226
Reese urethral irrigator, modification of, 1630—O
Reference table of state board reports, 625
Reflex, vago-esophageal, 229—ab
symptoms, cases where, were proven not to be reflex, 481—ab
Reflexes, pathologic significance of ocular, 241—ab
of dentition, 25—O
Reforms, two desirable, 850—O
Refuse, London county council and street, 1314
Regenerative tablets, 1695—O
Registration required before practicing medicine, 859
Regimentation, practical lesson in, 2076—O
Reik, H. O., new apparatus; (1) aseptic protective sheet for mastoid surgery, (2) practical algesimeter, 1952—O
Relief committee of physicians, report of, of San Francisco, 1459
Religio-neurotic cases, medical and spiritual co-operation in, 1744—E
Remedies, incompatibilities of some newer, 1093—P

Remedies, new and non-official, 838—P, 885—E, 932—P, 1020—P, 1066—P, 1113—P, 1302—P, 1378—P, 1437—P, 1584—P, 1636—P, 1740—E, 1821—P, 1910—P, 2015—O
standardization of non-official, 1294—P
Renal decapsulation and nephrotomy in treatment of serious forms of eclampsia, 302—ab
Rengo fruit, 1629—O
for obesity, 1940
Reprints, advance, of section papers, 52—E
Requirements, entrance, 557—O
increased entrance, 1411
Resident physicians, rules for, 258
Rest cure for neurasthenia, 954
influence of, exercise and sleep on gastric digestion, 806—ab
Restorative remedies, 1625—O
Resuscitation of patient apparently dead from primary heart-failure, 1687—ab
of persons apparently drowned, 1128—ab
Retina, operative treatment of detachment of, 685—ab
unicolar inflammations of optic nerve and, 1—O
Retinal vein, obstruction of central, 1221—ab
Retinitis, albuminuric, of pregnancy, case of, 1957—ab
punctate forms of, 1956—ab
Retrodisplacement, therapeutics of, 2121—ab
Retroflexion, ventrosuspension of shortened round ligaments for, 79—ab
Retroversio-flexions in relation to pregnancy, 1549—ab
Revaccination, value of, 722—ab
Reyburn, R., rectal treatment of cancer, 1330—O
Reynolds, E., conservative surgery of ovaries, 1449—O
Rhabdomyoma, multiple, of heart muscle, 896—ab
Rhein, J. H. W., pathologic study of seven cases of paralysis without gross anatomic change, 1705—O, 713—O
Rhein, M. L., treatment of loosened teeth, 288—O
Rheumatic fever and amyloid degeneration, 2134—ab
Rheumatism, acute articular, 1224—T
acute, hyperpyrexia, recovery, 722—ab
cures, 1629—O
gonorrheal, 1629—T
hydrotherapeutic treatment of chronic, 1416—ab
in children, 1320—ab, 1393—ab
muscular and endocarditis, 2097—E
salicylates and nephritis in articular, 467—ab
salicylates in acute, 2134—ab
value of massive doses of salicylates in diagnosis and treatment of acute articular, 1416—ab
Rhinitis in infants, 1260—ab
Rhode-Island July report, 635
medical news, 1284
October report, 1861
Rhodes, J. E., treatment of sarcoma of nasopharynx by injections of adrenalin, 456—O
Rhus poisoning, 1224—T
Rhythm, gallop, 396—ab
Ribs, treatment of fractured, 597—ab
Ricketts, abdominal atony of, significance and treatment, 1268—ab
congenital, 1268—ab
Ricketts, H. T., further observations on Rocky Mountain spotted fever and dermacentor occidentalis, 1067—O
Ricketts, H. T., study of Rocky Mountain spotted fever (tick fever?) by animal inoculations, 33—O, 852—O
Rider's sprain, 920—ab
Ries, E., operative treatment of cancer of cervix uteri, 1889—O
Riggs, C. E., myasthenia gravis, 1260—O
Ring, G. O., value of x-rays in ocular therapeutics, 894—O
Ringworm, varieties of, and their treatment, 641—ab
Ritter, J., pharmaceutical or proprietary preparations; which? 663—O
Riviera, Irish, 71—ab
Roberts, D., new rectal enemator, 273—O
Roberts, L. M., antidote for suprarenal preparations, 2159—O
Robertson, C. M., certain facts concerning faucial tonsils, 1725—O
Robin, A., accurate and reliable thermo-regulator, 1583—O
Robinson, W. J., impotence caused by excessive consumption of bromo-seltzer, 208—O
Robinson, W. J., novel method of using strychnia and hydrastin in sexual and vesical weakness, 2145—O
Rochester, D., treatment of asthma, 1983—O
Rocky Mountain or spotted fever, 36—O, 686—O
spotted fever and dermacentor occidentalis, 1067—O
spotted fever, transmission of, by bite of wood-tick (dermacentor occidentalis), 358—O, 396—E
Rodgers, M. A., successful end-to-end anastomosis after partial disemboweiment in runaway accident, 1829—O
Rodman, W. L., gastric and duodenal ulcers, 845—O
Roentgenography of stomach, 1414-ab
Roentgenology, teaching of, in medical colleges, 987—ab
Roentgen-ray action for damages in consequence of injury produced by, 449
and metabolism, 1862—ab
attitude of clinician in regard to exposing patients to, 1425—O
burns, 715—T
burns, damages for, two actions against doctors, 125
changes in kidneys produced by, 1920—ab
dangers, 1466—E, 1932, 2102
diagnosis of renal calculi with, 889—ab
dosage, method of estimating, 883—ab
effect of, on leucocytes in blood and bone marrow in leukemia, 685—ab
effects of on embryonic development, 227—ab
examination in case of centrally located pneumonia, 2045—ab
exposure of mediastinum to, 1691—ab
exposures, action of on ovaries and gravid uterus, 2177—ab
exposure of ovaries to during pregnancy, 1425—O
favorable influence of, on chronic bronchial affections, 1881—ab
filter, 889—ab
in blood diseases, 889—ab
in cancer, 1841—O
in dermatology, 885—ab
in early diagnosis of pulmonary tuberculosis, 1956—ab
in exophthalmic goiter, 1089—ab
influence of, on metabolism in leukemia, 2044—ab
influence of, in treatment of leukemia and Hodgkin's disease, 1268—O
in leukemia, 547—ab, 643—ab, 1089—ab, 1836—ab
in leukemia and pseudoleukemia, 1778—ab
in neuralgia, 989—ab
in neuritis, 1415—ab
in study of congenital malformations, 1892—ab
in tuberculous adenitis, 889—ab, 1221—ab
localization of foreign bodies in eye with, 889—ab
measurement of diameter of pelvis with, 889—ab
new skiagraphic table and tube holder, 115—O
photographs in relief, 79—ab
physician victim to, 1428
pictures, improved technic for taking, 284
plus diphtheria antitoxin in pernicious anemia, 268
treatment, formation of leucotoxin under, 976—ab
treatment of epithelioma, 455—ab, 889—ab
treatment of lupus vulgaris, 889—ab
tubes, use of inferior, 49
two cases of varicose veins successfully treated with, 894—ab
ultimate results from in carcinoma of breast, 889—ab
value of, in ocular theapeutics, 904—O
work, protection of internal organs in, 1772—ab
Rogers, J., treatment of thyroidism by a specific serum, 653—O
Rolls, J. A., ainhum, 2002—O
Rolls, J. A., transposed heart, 1737—O
Rooms, disinfection of, by formaldehyd comparative bactericidal value of various methods, 1512—ab
Rosenau, M. J., hypersusceptibility, 1097—O
v. Rosthorn, A., radical operation in uterine cancer, 1872—O
Rotch, T., opportunity of pediatrician, 729—O
Roth, A. H., influence of x-rays in treatment of leukemia and Hodgkin's disease, with report of cases, 1265—O
Rotunda hospital, Dublin, report of, 870
Royal college of surgeons, 2022
Royster, H. A., location of fistula in lower intestinal tract by injecting hydrogen dioxid through anus, 111—O
Ruediger, G. F., bacteria in scarlatinal and normal throats, 1171—O
Russian red cross, 1046—ab
Russo's methylene blue test, 1691—ab
Ryerson, G. S., keratosis obturans, 2051—O

S

Sachs, B., injuries to the child's head during labor, 1326—O
Sahli's desmoid test of stomach functioning, 212—ab, 1420—ab
Salous, misquotations of Dr., 1668
Salant, W., influence of alcohol on metabolism of hepatic glycogen, 1467—O
Salant, W., pathology of bile, 765—O
Sal-codeia (Bell), composition of, 291
Sal ethyl, 1740—P
Salicylates, action of, in acute rheumatism, 2134—ab
and nephritis in articular rheumatism, 467—ab
value of massive doses of, in diagnosis and treatment of acute articular rheumatism, 1416—ab
Salicylic acid, 716—T
Salliformin, 1740—P
Saline-solution, influence of intraperitoneal injection of warm sterile normal, in intraperitoneal hemorrhage, 1466—O
normal, in abdominal operations, 2038—ab
utility of, in treatment of fever, 1551—O
Salit, 1740—P
Salochon, 1740—P
Salocquinine, 1740—P
salicylate, 1741—P
Salts and drugs, contribution to general principles of pharmacodynamics, 1327—ab
mucoid, 889—O
Sanatoria, economical consumptive, 1128—ab
scope and aim of state, for tuberculosis, 217—O
tuberculosis, 144—ab
Sanatorium cases, 1,000, 1421—ab
treatment of tuberculosis, 886—ab
Sanatoriums for postal workers, 1277
non-use of, for tuberculosis, in France and Belgium, 780
San Francisco, report of relief committee of physicians of, 1469
Sanitarium, asks information concerning, 1735
liability for negligence of nurse in, 1926—MI
provides for, for treatment of tuberculosis, 1668—MI
Sanitary protection, international, 958—E
questions in navy, 1128—ab
service, new, for India, 1110
Sanitation, international, 2014—E, 2025
victims of, 886—E
Sanity, opinions of unprofessional observers as to, 985—MI
presumption of, 1832—MI
Saphena, for varicocutitis, total resection of, 156—ab, 901—ab
Saponin, use of, in mineral water, 1585
Sarcoma and myoma of stomach, 1654—ab
Oxley's serum for inoperable, 1041
fever with, 1969—ab
of male breast, 967—ab
of nose, 980—ab
primary, of adrenal gland, 808—ab
primary, of knee joint, 645—ab
primary, of spleen, 1402—ab
treatment of, of nasopharynx by injections of adrenalin, 456—O
Savage, G. C., notions concerning ocular rotations, 332—O
Scalp, elephantiasis nervorum of, 1415—ab
wounds, treatment of, 1932
Scapula, conservative surgery for tumors of, 548—ab
Scarlet-fever and diphtheria, return cases of, 1215
early contagion of, 321
Scarlet-fever kidney in, 1220—ab
nephritis in families, 1053—ab
return cases of, 159—ab
Schaudinn medal, 1110
Scherck, H. J., antitetanic serum in Fourth-of-July injuries, 500—O
Schlotterbeck, J. O., popular synthetic remedies, their use and misuse, 1302—O
School-children, examination of, 329
health of, 458—ab
medical inspection of, 321
physical care of, 458—ab
School girls and corsets, 244—ab
physicians, act relative to appointment of, 2118—MI
room, sanitary regulation of, with reference to vision, 302—ab
Schools, interstate reciprocity and frauds in medical, 697, 878, 1026, 1118, 1208
medical inspection of, 952—ab
parental codperation in medical inspection of, 2097—E
Sciatica, perineural infiltration treatment of intractable, 643—ab
surgical treatment of, 152—ab
treatment of, with perineural saline injections, 1844
Sclerosis, multiple; its clinical course and pathologic anatomy, 75—ab
Scoliosis, 705—ab
result of asymmetrical growth, 904—ab
treatment of, by general practitioner, 546—ab
Scopolamin-morphin anesthesia, 302—ab
anesthesia in labor, 77—ab, 1774—ab, 1802—ab
combination of, and spinal anesthesia in 150 gynecologic operations, 1802—ab
Scorbutic syndrome due to typhoid bacilli, 1—ab
Scorbutus, study of, 393—ab
Scotland, epileptic colony in, 1110
Scudder, C. L., dislocation of outer end of clavicle, 19—O
Scurvy, infantile, 641—ab, 1979—O
operative treatment of infantile, 242—ab
Seasickness, stropin and strychnia combined specific for, 217, 445
Section, new frozen, of body of parturient dying at expulsion period, 215—ab
Selby, C. D., direct abdominal hernia of traumatic origin, 1485—O
Self-medication, lay, and counter-prescribing, 527
limitations to, 147—ab
Semi-vesicular calcification of vas deferens and, 108—O
operations on, 488—ab
Semmelweis memorial, 1912, 1920—E, 1932
Sena medal essay contest, 1689
Senn, N., diseases and hospitals of Africa, 141—O, 225—O, 297—O, 351—O, 611—O, 702—O, 989—O, 1056—O, 1068—O, 1217—O
Sensibility and stereognosis, cutaneous muscular, 1416—ab
recurrent or supplementary, 1893
Sepsis originating in urinary passages, 1422—ab
surgical and serum treatment of puerperal, 1852—ab
treatment of, 144—ab
Septicemia, death from puerperal, one arising from pregnancy, 536—MI
Septum cutaneum, plastic substitute for, 228—ab
defect in interventricular, 1893—ab
deflection of, new operation for extreme cases of, 1137—ab
nasal, perforation of, 1268—ab
submucous excision of deviations and spurs of nasal, 310—ab
submucous resection of, 540—ab, 1189—ab
Sera for snake bites, 1690—E
production of cytotoxic, by injection of nucleoproteids, 1768—ab
Serotherapy, present status of, of surgical affections, 146—ab
Serpents, increase of poisonous, and protective measures, 871
Serum, action of cytotoxic, in blood-forming organs, 2130—ab
antitetanic, in Fourth-of-July injuries, 500—O
clinical use of antistreptococcic, 2176—ab
disease, calcium treatment of, 611—E
having therapeutic value in treatment of exophthalmic goiter, 621—O
prepared, toxic for peripheral nerves, 979—ab

Serum, treatment of bacterial diseases by, 1305—ab
treatment of tetanus, 146—ab
treatment of thyroidism by specific, 655—O
Servetus, monument for, 1929
Sesame oil, intoxication with, 1902—ab
Sewall, H., experiments on venous blood pressure and its relations to arterial pressure in man, 1279—O
Sextonol, 1741—P
Sexual and vesical weakness, novel method of treating with strychnin and hydrastin, 2145—O
Shelton, J. G., relation between appendicitis and gallstones, 1458—O
Shepherd, F. J., surgical treatment of exophthalmic goiter, 665—O
Shield, new, for use in nose and throat examinations, 775—O
Ship doctor, measures to improve lot of, 1965
Ships, disinfection of, 373
Shock, surgical, 145—ab
Shoemaker, G. E., modification of technic of fixation of movable kidney, 1917—O
Shoemaker, J. V., benign cystic epithelioma, 1147—O
Shoes, flexible balancing, 1883—ab
Shop girls and factory acts, 1929
Shoulders, stiff and painful, 731—ab
Shumway, E. A., pathogenic bacteria of conjunctiva, 220—O
Sidonal, 1741—P
Sigmoid, pathology of, surgical conception of, 832—O
Sigmoiditis, 157—ab
Silk, use of, in tenoplasty, 1221—ab
Silver, bacterial action of compounds of, 808—ab
compounds, chemistry of organic, 1958—O
iodid, emulsion of, 1211
nitrate and zinc in chronic gonorrhea, 972—ab
preparations, experimental study of bactericidal power of various, 1238—ab
preparations, comparative value of, 882
preparations in conjunctival disease, 1302—P
Simon, C. E., new counting chamber for enumeration of blood corpuscles, 1737—O
Singing for soldiers, 2101
Sinkler, W., growth of neurology, 1337—O
Sinus disease, enucleation; uncalled for disfiguring operations resulting from failure to recognize accessory, 1062—ab
exostosis of frontal, and skiagraph of same, 2040—ab
infective sigmoid, thrombosis, resection of internal jugular, 1229—ab
proposed operative measure for thrombosis of cavernous, 541—ab
to retain anterior wall of, in frontal sinusitis, 1062—ab
unusual case of thrombosis of lower part of lateral, of aural origin, 1779—ab
Sinuses, accessory nasal, and pneumococcus infections, 1581—O
mental symptoms due to disease of nasal accessory, 1780—ab
Sinusitis, cerebral and ophthalmic complications in sphenoidal, 1419—ab
frontoethmoidal, 483—ab
relation between suppurative sphenoidal, and intracranial and ocular inflammations, 2065—E
Skatol, indican and, in urine, 311—ab
Skeletons and models, 2168
Skiagraphy, new table and tube holder for, in surgery of nose, 1131—ab
Skill acquired by long and diligent application, 1012
Skin, atrophic sclerosis of, and generalized myositis, 1771—ab
bacteria, identification of, 1220
bleaches and beautifiers, 1629—O
cancer, errors in treatment of, 1514—ab
cancer treated by x-rays, 455—ab
distribution of afferent nerves in, 645—O
grafting, modified open method, 1329—ab
multiple neuromata of, 1816—O
grafting, new methods in, 1136—ab
peculiar atrophic affections of, in neurotic subject, 1323—ab
relation of nerve impulse to inflammation of, 8—O
Skinner, C. E., Roentgenization in treatment of cancer, 1541—O
Skoog, A. L., bromism, 1921—O
Skull, celluloid plates to close defects in, 545—ab
endocranial tumors of, 344—ab
fracture of base of, resulting from direct violence through inferior maxilla, 1049—ab
percussion of, as means of placing indication for performance of lumbar puncture, 1226—ab
significance of, defects of, 192—ab
tuberculosis of base of, 1421—ab
use of temporal fascia to cover in defects, 859—ab
Slaughter house, regulation for new, 1208
Sleep and hypophysis, 205—ab
disorders of, 2032—ab
for children, 1334—ab
truths about, 652—O
Sleepers, cloaks, to persons with contagious diseases, 79—MI
Sleeping-sickness, 229—ab, 1400—ab, 2125—E
an African cure for, 608
means of checking spread of, 391—ab
prize for research on, 122
Sleeplessness, treatment of, 483—ab
Smallpox, counties without power or liability as to, 457—MI
hospital, liability of board of health members from, 805—MI
in Alabama in recent years, 540—ab
in Central America, 894
two atypical cases of, 1494—O
Smith, C. A., causative factor in production of dermatitis of grounditch (uncinariasis), 1626—O
Smoke nuisance, practicability of preventing, 284—ab
problem and public health, 284—ab
problem, medical aspect of, 283—ab
relation of, to sickness, 41—E
Smoking, drastic bill to prevent juvenile, 1750
Snake bites, sera for, 1680—E
Social evil, etiology of, 2075—O
Societies, proposed union of medical, 870
take action, 126—P, 217
Sodium and magnesium, disinfectant properties of hypochlorites of, as produced by electrolysis, 1770—ab
bicarbonate in cholera, 1140—ab
cacodylate, 1741—P
chlorid, toxicity of, 1408
cinnamate, 1741—P
citrate in infant feeding, 1080—O
citrate, as modifier of cow's milk, 1941—O
ichthyol, 1931—P
silicate, value of, in tuberculosis, 1427—ab
Solanin, 1479—O
Solis-Cohen, S., palliatives for, hayfever, 265—O
Somers, L. H., nasal disease and neuralgia, 841—O
Somnos, 695—P, 972—P, 1082
pharmacology of, 882—E
Son not necessarily employed, 1134—MI
Soot, experimental inhalation of, 1689—ab
Sounds for Eustachian tube, 72—ab
South Africa, disease and hospitals of interior of, 960—O, 1050—O
Southard, E. E., study of acute leptomeningitis (streptococcus pyogenes), 1271—O
Southard, J. B., simplest, easiest and best method of irrigating bladder, 119—O
South Carolina June report, 64
medical news, 959
reciprocity, 1757
South Dakota July report, 2134
medical news, 443,892, 893, 1904, 1750
Southern Medical College Association, 1925
Southworth, T. S., trend of pediatric opinion concerning artificial feeding of infants, 1083—O
Souvenirs, gynecologic, 1050—ab
Spartein, 1052—T
Spasmodic tic, treatment of neuralgia and, with deep injections of alcohol, 209—E
Specialism, German view of, 1988
medical, 453—ab
Specimens, gelatin method of preserving, 987, 976
Speech, limitations of perception of, 1882—ab
Spencer, J. C., case of renal tuberculosis, 1735—O
Spermatic fluid, Barberio's reaction for, 1050—ab
Spikes for external prothesis in case of complicated fracture of leg, 156—ab
Spiller, W. G., cerebral decompression, 679—O, 744—O, 849—O, 923—O
Spina bifida, 1950—ab
Spinal anesthesia, 2177—ab
Spinal-cord, affections of, in epilepsies, 1717—O
disease of, 1771—ab
gunshot wounds of, 1220—ab
inflammation of extradural tissue of, in epidemic cerebrospinal meningitis, 901—ab
tumor of, 1518—ab
tumors compressing, 1081—ab
Spine, cause of so-called habitual lateral curvature of, 1958—ab
curvature of, ocular factors in etiology of, 450—ab
effect of pressure on curve and rotation of, 2122—ab
etiology of juvenile lateral deformities of, 801—ab
experimental pressure on, 705—ab
percussion of, 1062—ab
sacrum and pelvis, auscultation of, 1064—ab
total luxation of, 1377—O
treatment of, curvature of, 800—ab
Spirillum obermeieri, cultivation of, 2192—O
Spirochæta duttoni, passage of, from mother to fetus, 641—ab
pallida and paresis, 1217
Spirochetes inside cells in syphilis, 815—ab
Splanchnoptosis, surgical treatment of, 884—ab
Spleen, abscess of, following malaria, 1047—ab
congenital malformation of heart, with malposition of certain viscera and absence of, 288—O
primary sarcoma of, 1402—ab
primary tuberculosis of, 1773—ab
rupture of, 313—ab
Splenectomy, case of, 1956—ab
stomach functions after, 816—ab
study of blood in Banti's disease before and after, 1140—O
successful case of, for rupture of spleen, 811—ab
Splenic extract, therapeutic action of, in malarial infections, 537—ab
Splenomedullary pseudoleukemia, with secondary myelophthisic anemia, 1458—ab
Splint, new, for fractures of humerus, 958—ab
Spondylitis, typhoid and paratyphoid with changes in vertebræ, 2175—ab
Sprocess for medicines, 960—ab
Sports, dead line in, 1468—E
Spotted fever, further observations on Rocky Mountain, and dermacentor occidentalis, 1087—O
Rocky Mountain or, 86—O, 42—E, 626—O
study of Rocky Mountain (tick fever?) by means of animal inoculations, 25—E
transmission of Rocky Mountain, by bite of wood-tick (dermacentor occidentalis), 288—O
Spratt, C. H., report of brain weighing 2,000 grams (71 ounces), 97—O
Spray and electrocautery useless, 969—ab
Sputum, peroxid of hydrogen in examination of, 1629—ab
sterilization of tuberculous, and articles infected by tubercle bacillus, 899—ab
Squint, importance of early recognition and treatment of, 1321—ab
relations of superior and inferior recti muscles to convergent, 105—O
Stain index of red corpuscles, 256—ab
triple, for cell and tissue, 1064—ab
Stammering and its treatment, 229—ab, 1332—ab
Standardization, physiologic, of drugs, 1658—E
Starr, M. A., present status of brain surgery, 926—O
Starvation, hallucinations from, 642—ab
State association, power of, 893—MI
board examination, through Frenchman's eye, 951
board examinations during 1905, 320—E
board of health, nature of, and its acts—powers—revocation of certificate, 985—MI
board reports reference table of, 635
board of health, validity and force of rules of, 204—MI
board results in educational number, 976, 1028
duty of, toward venereal diseases, 1248—O
State society auxiliary committee, 1028—E
Steele, J. D., relation of excessive gastric acidity to gastric symptoms, 698—O
Stenosis, pathogenesis of pure mitral, 2178—ab
relative mitral, 1938
tracheal, 93—ab
Stereoskiagraphy, 808—ab
Sterility, 1059—ab
causes of, 808—ab
due to chronic appendicitis and hydrosalpinx, 237—ab
in male; operative treatment when due to bilateral epididymitis, 1765—ab
Sterilization of undesirable degenerates, 792—ab
Stern, H., diet in albuminuria, 1621—O
Stethoscope, new, 1377—O
Stevens, G. T., new phenomenon of color conversion, 175—O
St. Louis, future of medical profession of, 1042—ab
medical profession of, of to-day, 1046—ab
Medical Society, early history of, 1046—ab
pharmacists appeal to medical profession, 1032—P
Stokes-Adams disease, 640—ab
disease and cardiac arrhythmia, 1980—ab
disease, case of, 1770—ab
Stomach, acute dilatation of, 1809—ab, 1765—ab
antiperistalsis in, 294—ab
carcinoma of, 215—ab, 139—ab, 715—T, 899—ab, 908—ab, 2041—ab
case diagnosed carcinoma ventriculi with rare and unexpected findings, 899—ab
cirrhosis of, 2037—ab
contents, retention of, 2032—ab
differential value of occult hemorrhages, in, affections, 484—ab
disorders, diagnosis of, 1120
disorders, surgical aspects of, from standpoint of internist, 1404—ab
early diagnosis of cancer of, 1321—ab
functions after splenectomy, 816—ab
indications for surgical intervention in diseases of, 1594—ab
operative treatment of ulcer of, and its chief complications, 2040—ab
pathogenesis of round ulcer of, 215—ab
postmortem report of rupture of, due to gastromalacia, 2129—ab
postoperative acute dilatation of, 826—ab
pylorogastrectomy for cancer of, 901—ab
Roentgenography of, 1414—ab
sarcoma and myoma of, 1634—ab
significance of so-called occult hemorrhages in diagnosis of ulcer and carcinoma of, 620—ab
surgery, observations on experimental, 1404—ab
syphilis of, 202—ab
tardy pain in, 1629—ab
total atrophy of, 589—O
trauma and cancer of, 326—ab
treatment of ulcer of, with record of cases, 838—O
tube, improved, 272—O
ulcer and cancer of, their relationship, 73—ab
Stools, Gram stain of, method applicable in diagnosis of carcinoma of stomach, 78—ab
study of, of starch-fed infants, 762—O
Stovain, 1931—P
Strabismus, tendon grafting for, 902—ab
Stratton, R. R., acute leptomeningitis (streptococcus pyogenes), 1271—O
Streams, pollution of Canadian, 886—ab
Streptococci from scarlatinal and normal throats and other sources, 1766—ab
Strontium salts, observations on action of, on coagulability of blood, 890—ab
Strychnin as remedy in pulmonary tuberculosis, 807—ab
colloidal form of, 1408
in diabetes insipidus, 546—ab, 1233—ab
and hydrastin, novel method of using in sexual and vesical weakness, 2145—O
toxin, 882
Students, distribution of medical, 898
Study food, 1953
Stuttering, 629—ab
Styptivin, 1931—P

Styptol, 1831—P
Styracol, 1831—P
Subhamine, 1919—P
Subinuous scptal resection, 1147
Success; surgical deuiderata, 1327—O
Suction mask to act on lungs, 1462-ab
therapy for differentiation of malignant tumors, 976—ab
therapy of interior of uterus, 1234—ab
Sugar, colorimetric determination of, in urine, 1143—ab
detection of, in urine, and its significance in life assurance, 1770-ab
in urine during pneumonia, 488—ab
Suicide, mysteries and sources of, 988—ab
no recovery for, of patient at hospital, 535—MI
responsibility of hospital for, of patient, 884
unique case of automatic or unintentional, in epileptic, 294—ab
Sulphate of copper, 42 consecutive cases of typhoid treated by, plan, 2125
of soda, is, true intestinal antiseptic? 1961—ab
Sulphonal, 1919—P
Sulpho-lythin, 1920—P
Sulphur and lead nitrate for disinfection of rooms, 1988—ab
Sun baths for psoriasis, 294—ab
Sunlight, action of on bacteria with reference to bacillus of tuberculosis, 2130—ab
Sunshine, demonstration of importance of, in prevention of tuberculosis, 129
Sunstroke, what constitutes, 805—MI
Superstition, modern, 1032—E
Supervision, medical, of children, 1577
Supply and demand, 1930
Suppuration, middle ear, as cause of retropharyngeal abscess, 229—ab
treatment of intracranial complications of middle ear, 1988—O
Supraorbital alhalaid, 1910—P
extract, pressure raising power of, 159—ab
gland, danger from careless use of alkaloid of, 1128—O
gland, large cysts of, 2042—ab
glands, résumé of recent literature relating to, and application to clinical medicine, 2029—ab
preparations, antidote for, 2159—O
preparations, changes in vessels and organs after injection of, 1422—ab
preparations, comparative physiologic activity of some commercial, 798—O, 792—P
preparations, variability of, 798—E
products, standardization of, 944—E, 1116
Surgeon, extraordinary distinction for, 67
general of army, report of, 1889
relation of general, to practice of gynecology, 2121—ab
Surgeons and dentists, conflict between, 822
Surgeon's fee, liability in France for, 1407
Surgery, address in, 1921—ab
address in, Medical Society State of Pennsylvania, 1049—ab
advances in, of nervous system, 1049—ab
year's experience in intestinal, 65—ab
clinical aspect of stomach, 146—ab
conservative, for tumors of scapula, 548—ab
experiences in intracranial, 65—ab
indications for surgical intervention in infections of biliary tract, 402—O
of nasopharyngeal structures, 145—ab
requirements for practice of, in hospitals, 1462—E
Surgical cases, care of, 1877—ab
diseases, diagnostic features of, attended with acute jaundice, 527—ab
exhibition, demonstration against, 980
principles and theories, 1944—ab
procedure, continental, 1559—ab
Survival of parties drowning together, 292
Suture, intramecular, of aneurisms, 1017—O
modifications of mattress, 1517—ab
necrosis in tendon, and tendon transplantation, 537—ab
Sutures, capillarity in intestinal, 405—O
silver-rubber-silk instead of silver for buried, 1517—ab
Sweet, W. M. ocular injuries from foreign bodies, 770—O
Symblepharon, paraffin-plates as aid in operations for extensive, 570—O
Symphysectomy, subcutaneous, 1234—ab
report of five operations; its advantages and its disadvantages, 959—ab
Symphysis (or symmelus) dipus, case of, 1705—ab
Synovitima malignum, 813—ab
Synthetic remedies, popular, their use and misuse, 1392—O
Synthetics, mixtures exploited as, 1888—P
Syphilides of liver, 844—ab
Syphilis and gonorrhea in internal medicine, 1849—ab
and gonorrhea, surgery of, 1849—ab
apoplexy of liver in, 1771—ab
congenital, cerebrospinal fluid in, 1083—ab
contagiousness of late, 1390—E
early diagnosis of, 1082—ab
evolution of interprimary lesions of, 1515—ab
experimental inoculation of man with, 894
hygienic measures against, 75—ab
injection treatment of, 2130—ab
intramuscular injections in treatment of, and use of mesolodolate of mercury, 75—ab
in Turkey, 1082
late research on, 1575
manifestations of, associated with pulmonary tuberculosis, 297—ab
mercurial treatment of, by way of rectum, 70—ab
mercury in, 1413—T
of circulatory organs, 294—ab
of stomach, 1—ab
professional, and accident insurance, 1226—ab
serodiagnosis of, 79—ab
serum treatment of, 1982—ab
so-called recurrent, and its treatment, 1859—ab
some little known peculiarities of teeth in hereditary, 1959—ab
spirochetes in cancer and in, 1601—ab
spirochetes inside cells in, 815—ab
tertiary, 1051—T
tertiary fever in, 244—ab
what effective measures are there for prevention of spread of, and increase of prostitution, 1372—O
wives infected with, by their husbands, 1060-ab, 1925—ab
Syphilitic affections in posterior cranial fossa, 467—ab
antibodies in cerebrospinal fluid of paralytics, 2127—ab
Syringomyelia, 1888—ab, 1697—ab

SOCIETIES.

Abbreviations:

Acad.—Academy.
Am.—American.
A.—Association.
Coll.—College.
Conf.—Conference.
Cong.—Congress.
Dist.—District.
Hosp.—Hospital.
Internat.—International.
M.—Medical, Medicine.
Nat.—National.
Phys.—Physicians.
Ry.—Railway.
S.—Society.
Surg.—Surgical, Surgery, Surgeons.

Adams Co. (Ky.) M. A., 1218
Æsculapian S. of the Wabash Valley, 1745
Allegany Co. (Md.) M. S., 1201
Allen Co. (Ind.) M. S., 1826
Alumni A. of St. Vincent's Charity Hospital, Cleveland, 2019
Alumni A. of the Western Pa. M. Coll., Pittsburg, 120
Alumni of the Coll. of Phys. and Surg. of Boston, 1572
Am. Acad. of M., 225, 301, 382
Am. Acad. of Ophthalmology and Otolaryngology, 602, 886, 959
Am. A. of Obstetricians and Gynecologists, 517, 1044, 1126, 1219, 1325, 1575
Am. Electrotherapeutic A., 602, 1109, 1575
Am. Institute of Homeopathy, 1081
Am. Internat. Tuberculosis Cong., 1748
Am. Laryngologic, Rhinological and Otological S., 229, 290, 516
Am. M. S., Vienna, 1291
Am. Orthopedic A., 704, 806, 886
Am. Pharmaceutical A., 147
Am. Pharmaceutical A., Philadelphia Branch, 1674
Am. Physico-Electro-Therapeutic A., 1109, 1575
Am. Proctological S., 453
Am. Public Health A., 2110
Am. Roentgen Ray S., 65, 796, 887
Am. Surg. A., 64, 146
Antiquackery S., 1092
Austin Co. (Wash.) M. S., 1673
A. for Improving the Condition of the Poor, 1359
A. for Microbiology, 969
A. for the Prevention and Relief of Tuberculosis (N. J.), 600
A. of Erie Ry. Surg., 1310
A. of German Phys. and Scientists, 1213
A. of Hospital Superintendents, 1109
A. of Military Surg. of the State of Ill., 2018
A. of Military Surg., of the State of Maine, 1210
A. of Military Surg. of the United States, 1005, 1046, 1128
A. of Seaboard Air-Line Ry. Surg., 602
A. of Surg. of the Penn. Lines, 1021
A. of Trustees and Phys. of State and Incorporated Hosp. for the Insane of Pa., 1497
Augusta Co. (Va.) M. S., 602
Australasian M. Cong., 122
Baltimore City M. S., 2018
Baltimore M. Club, 1747
Barren Co. (Ky.) M. S., 49
Berkeley Co. (W. Va.) M. S., 1673
Berlin Acad. of Science, 1212
Berrien Co. (Mich.) M. S., 449
Blackwell S. of Rochester, N. Y., 1107
Boston A. for the Relief and Control of Tuberculosis, 1002
Boston M. Library, 1503
Botna Valley (Iowa) M. S., 785
British A. for the Advancement of Science, 1314
British Columbia (Can.) M. S., 602
British M. A., 253, 705, 706, 788, 805, 806, 941, 958, 1047, 1112, 1139, 1221, 1321, 1399
Broome Co. (N. Y.) M. S., 992, 1837
Buffalo (N. Y.) Acad. of M., 119
Buncombe Co. (N. C.) M. S., 126
Cal. Acad. of M., 1259
Cal. Public Health A., 1570
Calumet Co. (Wis.) M. S., 1497
Cambridge (Mass.) Anti-Tuberculosis A., 1747
Campbell Co. (Ga) M. S., 449
Canadian A. for the Prevention of Consumption, 1037, 1575
Canadian M. A., 780, 2100
Canadian M. Protective A., 789
Carroll Co. (Ga.) M. S., 1218
Cayuga Co. (N. Y.) M. S., 992
Center Co. (Pa.) M. S., 48
Central Dist. (Ia.) M. S., 49
Central Minn. M. A., 1925
Charity Hosp. (Cleveland) M. S., 2019
Charity Organization S., 1374
Cherokee Co. (Ga). M. S., 449
Chi Club, 1109
Chicago Gynecological S., 1220
Chicago M. S., 1220, 1945, 2022, 2111
Chicago Urological A., 1571
Cincinnati Acad. of M., 230
Cincinnati Chapter of the Alumni A. of Miami M. College, 1267
Clarke Co. (Wash.) M. S., 1673
Clay-Becker (Minn.) M. S., 1573
Clayton Co. (Ga.) M. S., 449
Cleveland (O.) M. Library of A., 1267
Clinical S. of the Elizabeth (N. J.) General Hosp., 1663
Coffey Co. (Kan.) M. S., 1218
Coll. of Phys. of Philadelphia, 1243
Colo. State M. S., 945, 1220, 1584, 1402
Columbia Co. (N. Y.) M. S., 992
Conf. of Health Officers of Va., 1684
Conf. of Home Economics, 1310
Conf. of French-speaking Phys. of America, 694
Conf. of State and Local Boards of Health of N. J., 1398
Cong. of Insurance Examiners, 1212
Cong. of Professional M. in Belgium, 520
Cook Co. Hosp. Alumni A., 1746
Coroner's A. of Ill., 945, 1924
Corsicana Dist. (Tex.) M. A., 602
Co. M. S. of Barbour, Randolph and Tucker Co.'s (W. Va.), 1575
Crawford Co. (Ill.) M. S., 280
Crittenden Co. (Ky.) M. S., 49, 1218
Cumberland Co. (N. C.) M. S., 1574
Dallas Co. (Tex.) M. A., 1310
Dallas (Tex.) M. and Surg. S., 1109
Dane Co. (Wis.) M. S., 1673
Decatur (Ill.) M. S., 1190
Delaware Anti-Tuberculosis S., 599
Delaware State M. S., 1670
Denver Co. (Colo.) M. S., 1404
Des Moines Valley M. A., 211
Dakota Co. (Minn.) M. A., 1218
Detroit Acad. of M., 1388
Dickson Co. (Tenn.) M. A., 1109
Dominion M. and Surg. S., 1389
Door Co. (Wis.) M. S., 1673
Eastern Ore. Dist. M. S., 1497
Eastern Tenn. M. S., 1370
East Monmouth (N. J.) Practitioner's S., 1663
Elwood (Ind.) Phys. Club, 1496
Escambia Co. (Fla.) M. S., 48
Florida State M. A., 46, 280
Fort Wayne (Ind.) Acad. of M., 1681
Franklin Co. (Kan.) M. S., 1395
Franklin Co. (Pa.) M. S., 2019
Frederick Co. (Md.) M. S., 1747
French Cong. of Alienists and Neurologists, 804
French Cong. of Surg., 602
French S. of Mil. Surg., 2169
Fulton Co. (Pa.) M. S., 1388
Furnas Co. (Neb.) M. S., 1588
Garland Co. Hot Springs (Ark.) M. A., 514
Georgia Fifth Dist. M. S., 1494, 1499
Georgia Sixth Dist. M. S., 1826
German A. of Phys. and Scientists, 789
German Dermatological S., 45, 1575
German M. Press A., 1570
German Ophthalmologic Cong., 1576
German S. for the Reprension of Venereal Diseases, 45
Grafton Co. (N. H.) M. S., 870
Grand Forks (N. D.) M. S., 601
Grant Co. (Ind.) M. S., 119
Greene Co. (N. Y.) M. S., 992
Hamilton Co. (Ohio) M. S., 1210
Harlem (N. Y. City) M. A., 119
Harvard M. Alumni A., 212
Hendricks Co. (Ind.) M. S., 118
Herkimer Co. (N. Y.) M. S., 992
Hillsboro (N. H.) M. S., 967
Hosp. A. of Philadelphia, 1684
Hot Springs (Ark.) M. S., 514
Idaho State M. S., 988, 948, 1306
Ill. Fifth Dist. M. S., 1746
Ill. Sixth (Western) Dist. M. S., 1570
Ill. State Conf. of Charities, 1195, 1495, 1570
Ind. Ninth Dist. M. S., 1681
Ind. Thirteenth Dist. M. S., 1746
I. T. Fifteenth Dist. M. S., 715
I. T. Northern Dist. M. S., 715
I. T. Twenty-first Dist. M. S., 715
I. T. Twenty-third Dist. M. S., 1220
I. T. Twenty-sixth Recording Dist. M. S., 715
Institute for Cancer Research, 1212
Internat. Conf. for Cancer Research, 45
Internat. Cong. for Care of Insane, 45, 1260
Internat. Cong. for Child Study and Care of Youth, 282
Internat. Cong. for Laryngology and Rhinology, 1029
Internat. Cong. for Professional Diseases, 519
Internat. Cong. of Gynecology, 519
Internat. Cong. of Hygiene and Demography, 519
Internat. Cong. of Life Insurance Examiners, 519, 1313
Internat. Cong. of Otology, 604
Internat. Cong. on School Hygiene, 1313
Internat. Cong. on Tuberculosis, 948, 1407
Internat. M. A. of Mexico, 1576, 1939
Interstate (Kan. and Mo.) M. S., 516
Interurban (Duluth, Minn., and Superior, Wis.) Acad. of M., 1925
Iowa A. of Ry. Surg., 1388
Iowa Health Officers' A., 281
Italian Cong. of Internal M., 602, 1243
Italian Cong. of Ophthalmology, 1026
Jackson Co. (Mo.) M. S., 713, 1573
Jefferson Co. (Ala.) M. S., 1105
Jefferson Co. (Ga.) M. S., 449
Jefferson Co. (Ky.) M. A., 211
Kan. State M. S., 139
Kent Co. (Mich.) M. S., 1218
Ky. Anti-Tuberculosis A., 1571
Ky. State A. of Ry. Surg., 211
Ky. State M. A., 1388, 1400, 1495
Ky. Valley M. A., 1571
K. K. M. S. of Vienna, 1665
La Crosse Co. (Wis.) M. S., 215
Lane Co. (Ore.) M. S., 1571
Laurens Co. (Ga.) M. S., 449
Lawrence Co. (Pa.) M. S., 2019
Lehigh Valley (Pa.) M. S., 601
Lorain Co. (O.) M. S., 871
Madison Co. (Ga.) M. S., 449
Madison Co. (N. Y.) M. S., 992
Manistee Co. (Mich.) M. S., 1747
Md. Pharmaceutical S., 1747
Md. University Alumni A., Washington Branch, 43

Massac Co. (Ill.) M. S., 715
Mass. A. of Boards of Health, 2030
Mass. M. S., 1201
Mass. Red Cross S., 1602
Matagorda Co. (Tex.) M. S., 48
M. and Chirurgical Faculty of Md., 806, 1106, 1201, 1747
M. A. of Central N. Y., 1573
M. A. of Monessen (Pa.), 601
M. A. of Northern N. Y., 1573
M. A. of the Southwest, 283, 1761
M. Club of Westbrook (Me), 1571
M. Practitioner's Club of Cedar Rapids (Ia.), 1746
M. S. of the City Hos. Alumni of St. Louis, 1584
M. S. of the Co. of New York, 1584
M. S. of the Missouri Valley, 1031
M. S. of Nova Scotia, 603
M. S. of the State of N. C., 126
M. S. of the State of Pa., 1048, 1130, 1220, 1322
M. S. of Va., 1674
Medicolegal S. of New York, 1748
Mich. State M. S., 1202
Middle Tenn. M. A., 214, 2020
Military Tract M. S., 1405
Millville (N. J.) S. for the Prevention and Relief of Tuberculosis, 2009
Minn. State M. A., 213, 217
Mississippi Valley M. A., 603, 1673, 1760, 1849, 1944
Missouri Valley M. S., 372
Minneapolis (Minn.) Red Cross S., 1107
Montour Co. (Pa.) M. S., 602
Morris Co. (N. J.) M. S., 1603
Nashville (Tenn.) Acad. of M., 1108
Nashville Acad. of M., and Davidson Co. (Tenn.) M. S., 217
Nat. A. for the Study and Prevention of Tuberculosis, 1497
Nat. A. for the Study of Epilepsy and the Care and Treatment of Epileptics, 1405
Nat. Conf. on Infantile Mortality, 124
Nat. M. A. of Negro Phys. and Surg. of the U. S., 604
Neb. State M. A., 867
Neighborhood (Mass.) M. Club, 1572
New England Alumni of Albany M. College, 1385
N. J. State M. S., 217
N. M. M. S., 1748
Newport News (Va.) M. S., 1604
N. Y. Acad. of M., 1202, 1748, 2019,
N. Y. and New England A. of R. Surg., 1407, 1926
N. Y. C. M. A., 202
N. Y. Neurological S., 1926
N. Y. State Charities Aid A., 1107
N. Y. Tri-Professional S., 1603
N. C. Tenth Dist. M. S., 1237, 1926
Northern Idaho Dist., S., 388, 1570
Northern (Conn.) M. S., 449
Northern M. A. of Philadelphia, 1604, 2020
Northwestern (Pa.) M. S., 601
Ohio Eighth Dist. M. S., 2100
Ohio First Dist. M. S., 1838
Ohio Ninth Dist. M. S., 2109
Ohio Seventh Dist. M. S., 1838
Ohio State M. A., 1030
Ohio Valley M. S., 372, 1935
Okla. State M. A., 126
Onondaga Co. (N. Y.) M. S., 202
Oneida Co. (N. Y.) M. S., 202
Ontario M. S., 780, 1031
Orange Co. (N. Y.) M. S., 382
Orange Mountain (N. J.) M. S., 217
Orange (N. J.) Practitioner's S., 1603
Ottawa (Ont.) M. A., 2100
Oxford (Eng.) Ophthal. Cong., 605
Ottawa Co. (Mich.) M. S., 600
Pacific A. of Ry. Surg., 947
Park River (Minn.) M. S., 1573
Pa. State M. S., 947
Perry Co. (Ill.) M. S., 715
Petersburg (Va.) M. Faculty, 2100
Philadelphia Co. (Pa.) M. S., 383, 1203, 1364, 2167
Philadelphia Co. (Pa.) M. S., Kensington Branch, 2100
Philadelphia M. Club, 1388
Philadelphia S. for the Study and Prevention of Social Disease, 1849
Phys. A. of the City of Oswego (N. Y.), 1926
Phys. Club of Chicago, 118
Polk Co. (Ark.) M. S., 449
Porto Rico M. A., 1829
Practitioner's S. of Rochester, N. Y., 1107
Public Health Defense League, 1738
Queen Anne Co. (Md.) M. A., 1213
Red River Valley (Minn.) M. S., 1573
Rensselaer Co. (N. Y.) M. S., 202
Rockland County (N. Y.) M. A., 2009
Roumania Annual M. Cong., 1570
St. Louis (Mo.) M. S., 67, 454, 946, 1045, 1397, 2166
St. Louis Pathologic S., 281
San Benito Co. (Cal.) M. S., 217
San Francisco Co. (Cal.) M. S., 202
Sanitary Inspectors' A., 1214
San Joaquin Valley (Cal.) Sanitary A., 279
Scott County (Ia.) M. S., 1306
Scott Co. (Mo.) M. A., 1218
Scottish A. of M. Women, 1840
Smith Co. (Texas) M. S., 48
S. for Experimental Biology and M., 227
S. for Ex-Internes of Kings Co. Hosp., Brooklyn, 1838
S. of M. Jurisprudence, (N.Y.), 1309
Somerset Co. (Pa.) M. S., 2019
South Piedmont (Va.) M. A., 1580
S. C. M. A., 868
South Fulton, Campbell and Clayton Co. (Ga.) M. S., 449
Southern Idaho M. A., 268
Southern Ill. M. A., 2098
Southern M. College A., 2109
Southern Minn. M. A., 515
Spokane Co. (Wash.) M. S., 1829
Stanislaus Co. (Cal.) M. S., 449, 2007
State M. S. of Wis., 143
Sullivan Co. (Mo.) M. S., 1588
Surg. A. of the Rock Island Lines, 1750
Sussex Co. (N. J.) M. S., 1603
Swedish M. A., 203
Talbot County (Md.) M. A., 2008
Tate Co. (Miss.) M. A., 1588
Tazewell Co. (Ill.) M. S., 1405
Tri-Co. M. S. (Sussex, Morris and Warren, N. J.), 1603
Tri-Co. (Pike, Lewison and Copiah, Miss.) M. S., 1588
Tri-Co. (Rosebud, Dawson and Custer, Mont.) M. A., 1588
Tri-State M. A. of Ark., Tex. and La., 1839
Tri-State M. A. of Ind., Mich. and O., 217
Tri-State M. A. of Miss., Ark., and Tenn., 2021
Tri-State M. S. of Ala., Ga. and Tenn., 694, 1324
Tufts Coll. M. School Alumni A., 212
Tulare Co. (Cal.) M. S., 449
Tulsa Co. (I. T.) M. S., 715
Ulster Co. (N. Y.) M. S., 202
Union Dist. M. S. of Ohio and Ind., 1746
Upper Peninsular (Mich.) M. S., 600
Utica (N. Y.) M. Library A., 1406
Vt. State M. S., 1676
Vigo Co. (Ind.) M. S., 126
Vineland (N. J.) M. S., 1386
Warren Co. (N. J.) M. S., 1603
Wash. A. for the Prevention and Relief of Tuberculosis, 1109, 1927
Wash. Co. (Ga.) M. S., 714
Wash. Co. (Pa.) M. S., 2019
Wash. State M. A., 1045
Wayne Co. (Mich.) M. S., 788, 1039
West Brookfield (Mass.) M. Club, 1572
West Tenn. M. and Surg. A., 214
West Va. State M. A., 215, 585
Western Central (Minn.) M. S., 1573
Western Surg. and Gynecological A., 788, 894, 1407
Williamsburgh (N. Y.) M. S., 2019
Wis. Second Dist. M. S., 602
Wis. Tenth Dist. M. S., 1927
Woman's M. Club of Columbus, Ohio, 1749
Winnipeg M. S., 1388
Woman's M. S., Denver, 1384
Woonsocket (R. I.) M. S., 1204
Wyo. State M. S., 1204
Wyoming Valley (Pa.) S. for the Prevention of Tuberculosis, 282, 517
Yates Co. (N. Y.) M. S., 1588

T

Tabes dorsalis, dystrophies of, 209—E
Table, combined operating and office, 2100—O
improved rectal operating, 111—O
Tachycardia, paroxysmal, 1417—ab, 1518—ab, 1578
Talt, W. C., cap and gown in Molière, 1557—O
Talbot, E. S., interstitial gingivitis due to autointoxication, 261—O
Talley, J. E., postcritical fever and other sequelæ of croupous pneumonia, 730—O
Tannalbin, 2013—P
Tannigen, 1919—P
Tannoform, 2013—P
Tannopin, 2013—P
Tansy, poisoning from oil of, 927—O, 1917—P
Tarsus, old fractures of, 887—ab
Taylor, A. S., dressing after hare-lip operation, 2021—O
Taylor, J. M., utility of saline solution in treatment of fever, 1551—O
Tea, action of cold or lukewarm, on bacillus typhosus, 1569—ab
Teeth, some little known peculiarities of, in hereditary syphilis, 1958—ab
treatment of loosened, 258—O
what is effect on progeny of loss of, in ancestry? 191—O
Telecardiography, 23
Temperature, determination of normal, of closed inguinal fold of child, and clinical significance, 1010—O
record, permanent, 1603—ab
Temporal fascia, use of, to cover in cranial defects, 806—ab
Temporosphenoidal lobe, abscess of, 1417—ab
Tendo Achillis, rupture of, 1420—ab
Tendon grafting, causes of failure in, 1221—ab
grafting for strabismus, 903—ab
tissue versus catgut, 1047—ab
transplantation and grafting for paralytic deformities, 297—ab
transplantation, importance of intramuscular nerve tracts in, 1602—ab
transplantation, indications and technic for, 1962—ab
Tenia nana, two cases of infection with, in Philippines, 685—O
Tennessee, annual report of secretary of state board, 1469
defective organization in, 208—O
May report, 534
medical news, 214, 603, 1108, 1809, 1838, 2020
Tenoplasty, use of silk in, 1221—ab
Tension, vascular, in chronic illness, 807—ab
Tent life, practical view of, in southwest, 1325—ab
Teratomata of inguinoscrotal region, 1684—ab
Test, action of quinin on hemoglobin and, for carbon oxid in blood, 1517—ab
another, for detection of occult blood, 1212
deviation of complement by serum plus antiserum as, for blood, 1852—E
for arsenic, phosphorus and antimony, 815—ab
improved formalin technic for biologic, 646—ab
nucleus, in pancreatic disease, 1957—ab
rapid, for albumin in urine, 1084-ab
ring, for albumin, 1772—ab
Ruaux's methylene blue, 1021—ab
Sahli's desmoid, of stomach functioning, 213—ab
sensitive, for albumin in urine, 216—ab, 1041
simple, for chlorids in urine, 204—ab
simplified, for uric acid in urine, 685—ab
value of indigo-carmin, as aid in diagnosis of partial and total ureteral occlusions, 1682—ab
Testicle, sufficient evidence of severe injury to, without immediate pain—inferences seemingly opposed to natural law, 1516—MJ
Testicles, free bodies in, 548—ab
Testimony and evidence in medicine, 1398—O
good and bad bases for expert, 222—MJ
weakness of expert, 1852—MJ
Tests, functional, of arteries, 1602—ab
functional kidney, 2136—ab
functional, of heart muscle, 544—ab
improved method of ring, in urinalysis, 897—ab
mercury, etc., in relation to, for occult blood, 816—ab
some kitchen, to detect adulteration in common foods, 1956—ab
visual, for public services, 1222—ab
Tetanus, 51
antitoxin, did, as dressing for wounds, 1511—ab
an urgent plea for use of larger doses of antitetanic serum for lockjaw, 1155—ab
Fourth-of-July injuries and, 505—O, 512—E, 1677—ab
in two brothers, subdural and subcutaneous injections of serum, 1959—ab
neonatorum, 2083—O
neonatorum, case of, with recovery, 883—O
recovery from traumatic, 545—ab
serumtherapy of, 146—ab
toxin, to separate components of, 2177—ab
treatment of, 73—ab
treatment of, by magnesium sulphate, 146—ab
Tetany, appendicitis as cause of, 225—ab
Tetany, tendency to, due to lime in infant's food, 1063—ab
relations between, sexual apparatus, 1804—ab
Texas, eclectic April and October reports, 2114
medical news, 214, 442, 603, 1109, 1310, 1839, 1928, 2020, 2168
reciprocity in, 1846
Textbooks, best medical, 1214
Thayer, W. S., analysis of 808 cases of chorea, with reference to cardiovascular manifestations, 1832—O
Theobromine, 2013—P
sodium salicylate, 2013—P
Theocin, 2093—P
Theophyllin, 2093—P
Therapeutic curiosities, 547—ab
Therapeutics based on pathologic physiology, 288—ab
benedits of modern, 144—ab
commercial, and commercial therapeutists, 1678—ab
old and new in ocular, 391—ab
summary of therapeutic field for past year, 649—O
Therapy, electrochemical, 1144—ab
Thermodin, 2093—P
Thermometer, broken, in child's rectum, 1845
Thermovibratory massage; new method of treatment, 1376—O
Thermoregulator, accurate and reliable, 1563—O
Thiercelin Bapa, after-treatment of, 2129—ab
Thiocol, 2093—P
Thompson, H. H., interesting case of scrantus, 2092—O
Thomson, S., staining and examination of bacteria of eye by simple practical methods, 65—O
Thoracic cavity, injuries of, 1221—ab
duct, tuberculosis of, 113—ab
Thorax, plastic operations on, 2177-ab
Thorington, C., mixed malaria and typhoid, 288—O
Throat and nasal disturbances, local treatment of, 402—T
endothelioma of, 229—ab
examination of, in chronic systemic infections, 2038—ab
Thrush, bacteria in scarlatinal and normal, 1171—O
Thrombophlebitis, subclavian, following abdominal section, 539—ab
Thrombosis, infective, of sigmoid sinus, 230—ab
unusual case of, of lower part of lateral sinus of aural origin, 1770—ab
venous, in puerperium, 1235—ab
Thumb sucking, 151—ab
Thymus, physiology and pathology of, 1880—ab
Thyroid and parathyroid glands, relation of, 1139—ab
and parathyroid glands, structure and functions of, 1956—ab
and the eyes, relation between, 1121—ab
etiology of diseases of, 1131—ab
extract, use of, to shorten coagulation time of blood, 67—ab
feeding, influence of, on susceptibility to poisons, 1408
gland and tuberculosis, 1689—ab
malignant disease of, 72—ab
migraine, 228
significance of enlargements of, 1231—ab
stab wound of, 158—ab
therapeutic use of preparations, 1475—O
treatment of obesity, 974—ab
Thyroidectomy, partial and complete, 68—ab
Thyroidism, treatment of, by specific serum, 625—P
Thyrotomy versus laryngectomy, 389—ab
Tibia, fracture of upper end of, from indirect violence, 403—ab
Tic-douloureux, cause of, 329—ab
peripheral versus intracranial operations for, 957—ab
Ticks, transmission of Rocky Mountain spotted fever by, 926—E
Tobacco and arteriosclerosis, 1197—E
Tomlinson, H. A., motor degenerative sequence in dementia, 1338—O—O
Tongue and mouth in typhoid, 985—T
black, 229—O
causes of coated, 485—ab
curability of cancer in general and cancer of, in particular, 1961—ab
epithelioma of, operation by McCormick's method, 1687—ab
epithelioma of, with secondary growths in glands of neck and liver treated by x-ray, 229—ab
multiple fibrosarcoma of, 2093—O

Tongue, plea for more radical operations in cancer of lips and, 985—O
polypoid lipoma, 1329—ab
Tonsils, 2033—P
Tonsil, death from suppurating, 205—ab
lingual, 1329—ab
Tonsillitis, Brewer's yeast in phlegmonous, 150—ab
Tonsils as entering point for tuberculosis, 1689—ab
facts concerning faucial, 1725—O
indications for surgical removal of, and best methods of doing so, 72—ab, 720—ab, 980—ab
tuberculosis of, 72—ab
Tooth, pathologic features of pulp of, 976—O
Toronto and its university, 705—ab
Torticollis, 887—ab
spasmodic, 1626—ab
Toxemia, gastrointestinal, 1404—ab
of pregnancy, 1850—ab
of pregnancy, treatment of, 294—ab, 1675—ab
unusual and unique case of, 1697-ab
Toxins destructive of larvæ, 316—ab
in blood in diphtheria, 1694—ab
Trachea, displacement of larynx and, in thoracic affections, 2129—ab
Trachoma in Italy, 1685.
radium in, 920, 1626—ab
Training of mentally and morally defective child, 283—ab
Transplantation, treatment after Thiersch, 1141—ab
Trans-uretero-urethral anastomosis, 1027—ab
Trauma and cancer of stomach, 206-ab
neurosis of heart and arteriosclerosis in consequence of, 294—ab
Traumatic epidemic in Russia, 1212
Trendelenburg, A review of surgical progress, 21—O
Trephining, technic of, 1517—ab
the labyrinth, etc., for subjective sounds, 545—ab
Trichinosis, 1677—ab
Tricuspid valve, insufficiency of, in pernicious anæmia, 1413—ab
Triplets living at 47 years of age, 292
living over eighty years, 449
Tritici, liquor, 1485—P
Truth, growth of, 1769—ab
Trypanosoma disease, 207—E
Trypanosomiasis, treatment of, by benzidin dyes, 972—ab
Trypsin and amylopsin in malignant growths, 445
multiple fibromyxoma of tongue treated with, 2008—O
treatment of cancer, 450, 644—ab, 2119—ab
Tubercle bacilli, possible dissemination of, by insects, 1695—ab
bacillus, sterilization of tuberculous sputum and articles infected by, 899—ab
Tuberculin with report of cases illustrating papulo-necrotic variety, 71—ab
Tuberculin diagnosis of genital tuberculosis, 205—ab
diagnostic value of inhalation of, 1626—ab
experience of new, 899—ab
influence of, on experimental infection, 547—ab
in treatment of children, 79—ab
in treatment of tuberculosis, 597—ab
maximal dose in diagnostic use of, 1626—ab
old, as therapeutic measure, 214—ab
reaction and immunity, 1626—ab
report of 25 cases of tuberculosis treated with intravenous injections of Koch's, 2125—ab
test, 1626—ab
tuberculosis of adnexa diagnosed with, 728—ab
Tuberculosis, 1330—ab, 1397—ab, 1402—ab
acute intestinal, 2177—ab
agglutination in pulmonary, 1626-ab
among Indians of Arizona and New Mexico, 1883—ab
among Ogiala Sioux Indians, 1396—ab
and influenza, general analogies between, 1396—ab
and nephritis, 743
and pregnancy, 80—ab
and thyroid gland, 1626—ab
antiseptic treatment of, 739—O
anus' serum in treatment of, 294
authorizes county hospitals for treating, 2119—M1
bladder, and its cure, 923—ab
campaign against, 117—E
cure of far-advanced cases of pulmonary, 826—ab
climate, in treatment of, 2016—E
Tuberculosis, clinical significance of so-called acute stages of, 1221—ab
compulsory reports and registration of, in United States, 2120—ab
congenital, light on, 1497
conjugal, 1421—ab
cortex in, 226—ab
crusade, free dispensary as factor in, 1404—ab
danger of dust as cause of, 1849—ab
demonstration of importance of sunshine in prevention of, 122
diagnosis of, in infants and children, 1555—O, 1559—O
diet in, 297—ab
disappointments and hopes in treatment of, 563—ab
dispensary, its methods, value and limitations, 2154—O
early diagnosis and treatment of pulmonary, 1401—ab, 1679—ab
effect of blowing on wind musical instruments in, 1227—ab
etiologic factors in bone, in children, 2129—ab
evil effect of pregnancy on laryngeal, 727—ab
exhibition in Toronto, 122
fifth international conference on, 949
further notes on serum diagnosis of, 1396—ab
genitourinary, 211—ab
glandular pulmonary, in Paris schools, 2042—ab
how Canada is fighting, 1685
human and bovine, 826—ab
hyperemia in treatment of pulmonary, 1140—ab
hyperplastic, of intestine and peritoneum, 148—ab
indirect diagnosis of, 293—ab
in Irish cattle, 821
intestinal origin of pulmonary, 1100—E, 1626—ab, 1745—E
in Italian army, 546—ab
is laryngeal, a primary infection? 826—ab
kidney in, 207—E
latent, in children, 1189—O
league, 146—ab
length of survival after onset of, in Norway, 1626—ab
limitations to eradication of, 480-ab
management of, 2121—O
manifestations of syphilis associated with pulmonary, 207—ab
man's natural protective agencies against, 1229—ab
Marmorek's serum in surgical, 1902—ab
maxims for selection of climate in pulmonary, laryngeal and bone, 459—ab
of adnexa of uterus, 768—O
of adnexa diagnosed with tubercle cells, 728—ab
of base of skull, 1421—ab
of cecum, fibrocecal value and appendix, 291—ab
of cervix, 1626—ab
of glands simulating neoplasms, 1519—ab
of heart, 214—ab
of joints, cure of, 207—ab
of lungs, clinical, anatomic and pathologic comparison of tuberculous cavities in, 1396—ab
of kidney and bladder, treatment of, by nephrectomy, 2047—O
of kidney in infant, 2026—ab
of mamma, 2127—ab
of middle ear and mastoid, 1229—O
of peritoneum, 1401—ab
of renal pelvis, 75—ab
of thoracic duct, 115—E
of tonsils, 72—ab
of vulva, 973—ab
oral, 597, 944—ab
organic heart disease and immunity from pulmonary, 1396—ab
origin of pulmonary, 725—ab
plea for more rational therapy in, 1784—ab
pleurisy with effusion and pulmonary, 966—ab
primary, and anthracosis of lungs and bronchial glands, 1401—ab
primary, of digestive-tract, 813—ab
primary, of spleen, 1773—ab
problem in prisons and reformatories, 1325—ab
protection of infants and young children from, 1396—ab
protective immunization against joint, 801—ab
provides for sanitarium for treatment of, 1402—M1
pulmonary, artificial pneumothorax in treatment of tuberculous pulmonary processes, 1225—ab
relations between cancer and, 1484-ab
relative value of home treatment of, 1596—ab
Tuberculosis, renal, 1725—O
renal, diagnosis and treatment of, 1079—O
report of 25 cases of, treated with intravenous injections of Koch's tuberculin, 2026—ab
resection of nose septum for primary, 202—ab
Roentgen rays in early diagnosis of pulmonary, 1526—ab
sanatorium for British Columbia, 1021
sanatorium, influence of on value of surrounding property, 2054—O
scope and aim of state sanatoria for, 217—ab
sign of congenital tendency to, 214—ab
specific treatment of, 1965—ab
spontaneous, in monkeys, 313—ab
strychnin as remedy in pulmonary, 207—ab
successful immunization by mouth against, 222
superheated air plus calomel and iodin in treatment of, of mucosa, 974—ab
suppression of, 1622—ab
surgical aspects of, 1397—O
to combat bovine, in Argentina, 899
tonsils as entering point for, 1689—ab
treatment of, in sanatoriums, 210—ab
treatment of laryngeal, 1062—ab
treatment of, of kidney and bladder by nephrectomy, 997—ab
treatment of pulmonary, 1827—ab
treatment of surgical, 465—ab
treatment of, of upper air passages and ear, 206—ab
treatment of, of urinary tract in women, 1449—O
tuberculin diagnosis of genital, 240—ab
tuberculin in treatment of, 527—ab
tuberculin in treatment of pulmonary, 234—ab
use and abuse of pulmonary gymnastics in, 288—ab
value of sodium silicate in, 1421-ab
value of study of apical outline in diagnosis of incipient pulmonary, 1526—ab
work in Europe, 1417—ab
Tuberculous, abuse of, 1397—E
abscess in the, 205—ab
disease, observations on effect of sterile caseous matter in treatment of, 970—ab
infection, primary, in monkeys, 902—ab
migraine and hypothermia in, 201—ab
sanatorium treatment of, 208—ab
Tubes and ovaries, present status of conservatism in surgical treatment of, 1454—O
Tubo-ovarian cyst, burrowing, with remarks on its pathogenesis, 210—ab
Tucker asthma cure, cocain in, 277, 702
Tucson, Arizona, winter climate of, 1125—ab
Tuffier, T., war against venereal disease in France, 1248—O
Tulane, Behring's, reported ineffectual, 1369
Tumor, cicatricial, studded with scraps of coal, 488—ab
remarkable osteo-calcareous, in nose, 271—O
Tumors, cancerous, and helminths, 812—ab
differential diagnosis and prognosis of, of uveal tract, 409—O
endocranial, 1626—ab
importance of early recognition and operative treatment of malignant, 1479—O
multiple primary, of bones, 2126—ab
brain, 792—E
of brain, palliative operations in treatment of, 679—O
of carotid glands, 889—O
simultaneous occurrence of two nonrelated, in mouse, 1237—O
suction therapy for differentiation of malignant, 976—ab
three cases of, compressing spinal cord, 1081—ab
trypsin and amylopsin in malignant 445
syphilis in, 1022
Turkey, medical and sanitary geography of, 1927
plague in, 1022
Turpentine in typhoid, 717—T
Tuttle, J. P., appendicostomy, 498—O
Twins, successful delivery of, in placenta previa, 1201—O
Tympanic cavity, evacuation of, 950-ab
Typhoid, 1122—T, 1858—ab
acetonæmia in, 1852—O
afebrile, 494—ab
bacilli carriers in insane asylum, 1604—ab
bacilli, cultivation of, from coagulated blood, 642—ab
bacilli, simple test for, in blood, 205—ab
bacillus, viability of, in water, 1189—T
bacteriologic examinations of conjunctival sac in, and in pneumonia, 1417—ab
bath treatment of, in private practice, 1414—ab
biliary, 1963—ab
condition in case of, simulating intestinal perforation, 1916—O
diagnosticum, results of, 205—ab
does drinking of water give, 639—ab
due to shellfish, 605
early diagnosis of, 1207—E
early diagnosis and treatment of, 2178—ab
embolism of pulmonary artery in, 316—ab
43 consecutive cases of, treated by sulphate of copper plan, 2122—ab
influence of early feeding in treatment of, 1888—ab
in India, 899
in patient aged seventy, 1191—O
hemorrhagic diathesis in, 157—ab
milk in, 1943
mixed malaria and, 258—O
notes on, 189—ab
occurrence of occult hemorrhages in, 206—ab
occurring during pregnancy, 809—ab
177 cases of, treated in Alaska, 1189—ab
opsonic index in, 2150—O
principles of feeding in, and in other fevers, 234—ab
prophylaxis of, 150—ab
rapid and practical method of diagnosing, 599—ab
sequelæ, 548—ab
three cases of, with unusual complications, 826—ab
tongue and mouth in, 985—T
treatment of, 983—E, 1138—ab, 1399—ab, 1686—ab
turpentine in, 717—T
vaccine treatment of enteric fever with, 1599—ab
yellow patch in palms and soles in, 644—ab
Typhus, Mexican, 284
Tyree's antiseptic powder, 1216—P
Tyzzer, E. E., simultaneous occurrence of two non-related tumors in mouse, 1237—O

U

Ulcer, duodenal, 1129—ab, 1771—ab
duodenal, in infants, 79—ab
gastrointestinal, 884—ab
of cornea, treatment of, 1139—ab
of stomach, pathogenesis of round, 315—ab
peptic, of esophagus, 808—ab
peptic of jejunum, 1146—ab
serpiginous, of cornea, 649—ab
surgical treatment of duodenal, 289—O
traumatic gastric and duodenal, due to trauma, 147—ab
treatment of, of stomach with record of cases, 625—O
two cases of ruptured duodenal, 75—ab
Ulcers, treatment of gastric and duodenal, and benign obstructions of pylorus, 147—ab
value of calcium iodin in treatment of, 542—ab
Ulna, lower extremity of, as factor in Colles' fracture, 207—ab
Umbilical cord, technic in caring for, and navel, 987—ab
Uncinaria, beriberi and, 1317
Uncinariasis, 1676—ab
causative factor in production of dermatitis of ground itch, 1603—O
in Mississippi, 185—O
Union, value of, in medical profession, 1419—ab
United States pharmacopeial trustees' affairs, 2101—P
Universities, state, and public health, 949—P
University of Utah, advances requirements, 1848
Upson, H. S., manic-depressive insanity and visceral disease, 1719-O
Urachus, cysts of, 1688—ab
development of, 109—O
Uranalysis, improved method of ring tests in, 807—ab
Urea, formation of, 227—ab
Uremia, 89

Ureter, consequences of temporary occlusion of, 1424—ab
large calculus of, removed by suprapubic cystotomy, 542—ab
obstruction of, stigmata, 721—ab
occlusions of, value of indigocarmin test as aid in diagnosis of partial and total, 1089—ab
wounds in, 151—ab
Ureters, three, demonstrated during life, 1327—ab
Urethra, bacteria of, as factor in etiology of cystitis in women, 1512—ab
calculi of, 295—ab
series of cases in which collections of stones formed in prostatic, 211—ab
Urethritis, operative procedures for chronic, 957—ab
systematic treatment of chronic, 1038—ab
use and abuse of injections in acute gonorrheal, 1853—ab
Urethrotomy, internal, 214—ab
Uric-acid diathesis, 725—ab
elimination of, in gout and alcoholism, 2127—ab
simplified test for, in urine, 488—ab
solubility of, 1406
Urinary tract, treatment of tuberculosis of, in women, 1440—O
Urine, abnormalities of, and their significance, 1356—ab
colorimetric determination of sugar in, 1143—ab
detection of sugar in, and its significance in connection with life assurance, 1770—ab
examination of, value of routine, 288—O
incontinence of, 1447—O
indican and skatol in, 211—ab
new clinical method of determining blood in, 853
new pigment in, 1519—ab
practical significance of trace of albumin in, 306—ab
rapid test for albumin in, 1054—ab
renal retention of, after vaginal hysterectomy, 1020—ab
sensitive test for albumen in, 816-ab
simplified test for uric acid in, 488—ab
Urobilinuria after chloroform, 547—ab
Uron and thialion, 1500—P
Utah July report, 637
medical news, 443, 868, 1859
October report, 2116
Uterine appendages, conservatism in connection with gonorrheal disease of, based on records of 195 patients, 1136—ab
Uterus, abdominal section for trauma of, 1127—ab
action of Roentgen ray exposures on ovaries and gravid, 2177—ab
and ovary, points in uterine and ovarian physiology and pathology in rabbits, 541—ab
cancer of, 1602—ab, 1865—O, 1867—O, 1869—O, 1873—O
cancer of, results of abdominal extirpation of, 77—ab
carcinoma of, at Breslau, 315—ab
chronic metritis and arteriosclerotic, 1857—ab
cystic fibromyoma of, 1233—ab
fibroids of, 1771—ab, 1881—O, 1908—O, 2067—O
fibroids of, associated with gallstones, 1259—O
fibroids of, changes in, after menopause with reference to operations, 1858—ab
infantilism and hypoplasia of, 78—ab
innervation of, 2043—ab
instrumental dilatation of parturient, 1531—O
malignant complications and degenerations of uterine fibromyomata of, 957—ab
manual and instrumental dilatation of pregnant and parturient cervix of, 1534—O
mensuration of child in, with new methods, 1979—O
myomata of, complicating pregnancy, 1777—O
operative treatment of cancer of cervix, 1869—O
pharmacology of, 77—ab
plastic utilization of, for defect of vesical sphincter, 1333—ab
pregnancy and labor complicated by anterior fixation of, 1859—O
primary malignant tumors of infant, 1858—ab
puerperal gangrene of, 77—ab
radical operation in cancer of, 1873—O
Uterus, sclerotic vascular changes in, 1235—ab
study of 148 consecutive cases of ventrofixation of, 1858—ab
suction therapy of interior of, 1234—ab
symptoms of cancer of, 1865—O, 1867—O
tuberculosis of adenomyoma of, 768—O
unusual retroperitoneal tumor in mesocolon simulating impacted fibroid of, 1859—ab
utilization of broad ligaments in complete descent of, hysteromyomectomy and removal of uterine appendages, 1805—O
vaginal total extirpation in total prolapse of, 1774—ab
when to operate for myoma of, 214—ab
Uveal sarcoma, point in management of, 2159—O
tract, differential diagnosis and prognosis of tumors of, 400—O

V

Vacation courses, 282
Vaccination, 2045—ab
influencing of infectious diseases by, 1880—ab
points about law relative to, 1681—MI
under red light, 323
Vaccine lymph, practical points about, 723—ab
Vaccines, therapeutic inoculation of bacterial, 1499—E
treatment of postoperative fistula by, according to Wright's principle, 1601—ab
Vagina, new operation for artificial, 79—ab, 1054
preservation of vault of, in pelvic operations, 1220—ab
symptoms and treatment of atresia of, 1295—ab
Vaginofixation, births after vaginal Cesarean section and, 1323—ab
Valk, F., ophthalmic practice of present time, 485—O
Van der Bergh, P., case of infantile scurvy, 1918—O
Vanderhoof, D. A., two cases of exophthalmic goiter in men, 1881—O
Vander Veer, A., uterine fibroids associated with gallstones, 1259—O
Van Meter, S. D., instrument for invaginating tip of appendix, 37—O
Varicella, 1508—P
Varices, treatment of, on leg with ligature of popliteal vein, 547—ab
Varicose veins of leg, operative treatment of, 1109—E
veins of leg, results of operative treatment of, by methods of Trendelenburg and Schede, 1057—ab
Variola in Argentine republic, 1840
Varix, two unusual cases of, 1602—ab
Vas-deferens, calcification of, and seminal vesicles, 108—O
new method of anastomosis of, 169—O, 1461—ab
Vasomotor obstruction, spasmodic, with true angina pectoris, 1602—ab
Vein, substitution of, for artery in aneurism, 1121
Veins, enlarged in children, 1656—ab
operative treatment of varicose, of leg, 1103—E
results of bitherminal transplantation of, 1416—ab
two cases of varicose, successfully treated with x-ray, 804—ab
Venereal diseases and public health, 511—E
duty of medical profession to public in matter of, and how to discharge it, 1248—O
duty of state toward, 1248—O
prevention and treatment of, 1849—ab
validity of law authorizing revocation of certificate for advertising relative to, 1418—MI
war against, in France, 1249—O
what should we teach public regarding, 1250—O, 1252—O, 1253—O
Venereal peril, 2094—E
prophylaxis, publicity as factor in, 1344—O
Ventilation of House of Commons, 870
Veratrum viride in eclampsia, 721—ab
in increased arterial tension, 815—ab
pharmacology of, 2061—O
Vermont July report and questions, 868
medical news, 214, 1664, 2080
Verruga peruna, 843—ab
Vertebra, partial dislocation of fifth lumbar, on sacrum, 306—ab
Vertebræ, dislocation of, in lower cervical region, 2080—ab
Vesical sphincter and mechanism of closure of bladder, 611—ab
Vesicovaginal fistula, transperitoneal operation for, 1040—ab
Vessels and organs, changes in, after injection of suprarenal preparations, 1422—ab
Vibro disease, 1029—O
tabletæ, 1028—O
Vienna from medical student's point of view, 1391
hospitals, over-crowding of, 272
letter, 47, 125, 216, 272, 321, 371, 568, 1023, 1208, 1321, 1608, 1841
Virginia June report, 1647
medical news, 215, 443, 663, 868, 1109, 1204, 1288, 1664, 2020, 2100
Vigoro, 1027—O
Vin Mariani, 1781—P
Viscera, weights of, in infancy and childhood, with reference to weight of thymus gland, 1139—ab
Vision, disturbances of at childbirth, 25—ab
sanitary regulation of school-room with reference to, 282—ab
Vital restorative, 1028—O
statistics, registration of, 2098—E
Vitala, 1029—O
Vitality pills, 1027—O
Vitelline duct, malformations of, 132—ab
Vivisection, 2017—E
in Great Britain, 123
Vocal cords, submucous hemorrhage of right, 1229—ab
Volvulus, intestinal occlusion from, of small intestine, 1602—ab
of small intestine in typhoid simulating perforation, 809—ab
Vomiting, treatment of severe, in infants, 25—O
uncontrollable, in pregnancy necessitating interference, 1958—ab
Vulva, tuberculosis of, 973—ab

Wage earners, provides for compensation of quarantined, 1954—MI
Wahrer, C. F., heredity and environment as factors in life and disease of children, 760—O
Walker pendulum, 875
Waller's law, 544—ab
Walton, G. L., blood pressure in paresis, 1341—O
Walton, G. L., constitutional headaches, 1324—O
Warts, multiple, 808—P
Washington July report, 1677
medical news, 443, 663, 1109, 1859, 1927
Water, alcohol, hot, disinfection in obstetrics and for protection of abdominal wounds, 1424—ab
baths, continuous, for burns, 797, 1042
does drinking of give typhoid? 629-ab
gas poisoning, 958—ab
purification, 2098—E
situation in Ontario, 888—ab
supplies, supervision of sanitary works and, 1045—ab
supply, New York, an object lesson to sanitarians, 1288—E
supply, problems of, 885—ab
supply, purification of, 885—ab
Waters, influence of mineral, on gastric secretory function, 212—ab
Waterbury's metabolized cod-liver oil, 1907—P
Watson, W. T., plea for square deal for wet nurse, 1909—O
Waugh, W. F., solanin, 1479—O
Webster, G. W., entrance requirements, 557—O
Weeks, J. E., pathogenic bacteria of eyeball, 324—O
Weight, relation of, to measurements of children during first year, 1767—ab
Weiss, L., prostitution problem in its relation to law and medicine, 2071—O
Wellcome research laboratories, 1350
Welty, C. F., acute and chronic suppuration of ear and nose, direct cause of facial erysipelas, 2062—O
Westphal's pseudosclerosis, case of, 1226—ab
sign in croupous pneumonia, 1424—ab
West Virginia July report and questions, 963
Medical Journal, 865—E
medical news, 215, 663, 1288, 1574, 2178
Whitehill, N. M., poisoning from oil of tansy, 809—O
Whiteside, G., what should we teach public regarding venereal disease? 1252—O
Whitman, R. C., new Babcock milk testing bottle, 294—O
Whooping-cough, microbe of, 1609—ab
Wiggin, F. H., multiple fibromaeoma of tongue, 2028—O
Wilbert, M. I., coming revision of Pharmacopœia of United States, 1599—O
Wilcox, R. W., medical treatment of gallstone disease, 247—O
Wilder, W. H., paraffin plates as aid in operations for extensive symblepharon, 1776—O
Wills, insanity in ancestry, suicide and sanity, 638—MI
Wilson, R. N., relation of medical profession to social evil, 29—O
Winter traveling, comfort in, 2161
Wire, gold, for sutures in hernia, 602
Wisconsin July report and questions, 1210
medical news, 215, 443, 602, 868, 1109, 1497, 1575, 1920, 1927, 2020, 2080
reciprocity report, 2116
rules governing examinations in, 1673
Witmer, admirable aid to memory of medical, 76—MI
Wolf, H. E., meningitis with isolation of diphtheria bacillus from cerebrospinal fluid, 2128—O
Women entitled to be examined by women physicians, 1126—ab
increase of alcoholism among, 1200
medical, and public health questions, 1514—ab
Wood, Jr., H. C., pharmacology of veratrum, 2061—O
Wood tick, transmission of Rocky Mountain spotted fever by bite of (dermacentor occidentalis), 888—O
Woods, E. F., a new stethoscope, 1877—O
Woolley, P. G., prevalence of intestinal parasites in Siam, 1080—O
Work, scientific preparation for professional, 2114.
Workman, housing, in London, 1929
Worthy, forgotten, Dr. Diego Alvarez Chanca, of Seville, Spain, 1013—O
Wounds, bacteriology of aseptic, 2040—ab
best methods of closing aseptic, especially of abdomen, 2125—O
dried tetanus antitoxin as dressing for, 1511—ab
relation of technic of nurses and of hospital apparatus to healing of, 1229—ab
treatment of fresh, with heated dressings, 2129—ab
Wrist and ankle, clinical significance of sprain of, 1424—O
dislocation of, with protrusion of bones, 891—ab
Writers, to, of scientific papers, 230
Writes on, authorship, suggested as papers at society meetings, 1466
will blacklist authors of, 1876
Wryneck from otitis, 939—ab
treatment of, 725—ab
Wurdemann, H. V., differential diagnosis and prognosis of tumors of uveal tract, 400—O
Wyeth, J. A., appendectomy through operative field for radical cure of right inguinal hernia, 1728—O
Wyoming June report, 64
medical news, 1204
September report, 1848

X

Xeroderma pigmentosum, 1771—ab
X-ray (see Roentgen ray)

Y

Yeast, brewer's in phlegmonous tonsillitis, 150—ab
in gastroenteritis in children, 1773—ab
Yellow-fever and dengue in Cuba, 121
campaign, technic of, 1129—ab
causation and prevention of spread of, 1500—ab
eosinophility of blood in, 1854—ab
diagnosis and prevention of, 2110—ab
in Cuba, 1084, 1744—E
in Honduras, 788
in Mexico, 123
personal experience in preventing spread of, 11—O
research into, 2022
Yocum, J. B., aneurism; operation, recovery, 1019—O
Young, how may medical and teaching professions co-operate to improve moral, mental and physical condition of, 201—ab
Youngs's salve, 1027—O

CURRENT MEDICAL LITERATURE

INDEX OF TITLES

Explanation: *The reading matter which appeared in* THE JOURNAL *is not indexed here*, except the original articles and the abstracts of original articles. This index includes the titles and the subjects of original articles published in the leading medical journals of the world during the past six months. The titles and the names of the journals in which they appeared were published weekly in the Current Medical Literature Department, to which references are made. The figures in parentheses refer to the paragraph; the number following, to the page in THE JOURNAL. For instance, "Heart Block, electromotive changes in, (7) 390—ab," refers to page 390 of THE JOURNAL, on which is found opposite paragraph 7 the title of the paper and the name of the author, viz., "Electro-Motive Changes in Heart Block, G. A. Gibson." This title is listed under the journal in which the article appeared, *British Medical Journal*, July 7. The "ab" indicates that an abstract of the article appeared in THE JOURNAL, which will be found below the title on page 390. Titles of articles which appeared in THE JOURNAL are indicated in the index below by an asterisk (*) before the page number. For instance, "Skin, distribution of afferent nerves in, *645," refers to page 645 of THE JOURNAL, on which is found the following article in full: "The Distribution of Afferent Nerves in the Skin," by MAX VON FREY. Index to authors of all articles below is on pages 2234 to 2246 of this index.

A

Abdomen (see also abdominal)
cracked-pot sound in, (68) 1141—ab
diagnosis and treatment of, contusions associated with visceral injuries, (110) 209
diseases of, (27) 1770, (42) 2041
gunshot wounds of, (42) 1417—ab, (61) 1513
penetrating wounds of, (32) 459—ab, (61) 1513
surgical treatment of certain lesions of upper, (17) 1766—ab
to facilitate palpation of, (60) 544—ab
Abdominal stony of rickets, its significance and treatment, (5) 1508—ab
cavity, treatment of suppurative conditions in, general and local, (111) 841
closures, technic of, (126) 970
contusions, (72) 2127—ab
disorders, diagnosis of acute, (49) 1685
examination, importance of, before insurance, (14) 629
exploration, (73) 722
fissure, case of, (7) 723—ab
muscles, physiology and pathology of (44½) 2121
operations, incisions in, (59) 313
operations, normal saline solution in, (49) 838, (62) 2038—ab
operations, pulmonary complications following, (39) 838—ab
operations, selected case reports of, (30) 840
operations, thrombosis and embolism following, (39) 838—ab
operations, use of rubber gloves in, (7) 1068
pain, acute, (24) 1350—ab
pain in diseases of pelvic organs, (23) 1350
pain, its surgical importance, (25) 640
pain, logic of, (49) 968, (65) 1229—ab
ptosis, hyperchlorhydria, regurgitation and rumination, (91) 227
section, 48 cases of delivery by, (25) 2121—ab
section for trauma of uterus, (101) 2124—ab
section, technic of delivery by (44) 2121
sections, series of fifty consecutive, (3) 723—ab
support, washable, (89) 1068
tumors, diagnosis of, in relation to pregnancy, (5) 1068
tumors in children, (75) 1857
viscera, pelvic girdle for ptosis of, (40) 2178
viscera, subcutaneous rupture of, with reference to intestine and kidney, (29) 1513, (71) 1857
visceral tracts, résumé of pathologic physiology of, (19) 1418
wall, actinomycosis of, (6) 548—ab
wall, adenocarcinoma of, developing subsequent to removal of benign ovarian neoplasms, (28) 808
walls, care of, after delivery, (84) 1020
Abnormalities, congenital, (82) 1514
Aborigines, American, from hygienic standpoint, (8) 1504
Abortion, (24) 719
Abortion and miscarriage, treatment of, (27) 720
course and distribution of infection with septic, (74) 1339—ab
criminal, (37) 642, (97) 1514
criminal, its prevailing evil against the unborn generation, (48) 1417
diagnosis and treatment, (94) 1969
education as factor in prevention of criminal, and illegitimacy, *1889
ephedrine, (39) 311—ab
indications for artificial, (89) 1142
in myomatous uterus, (42) 1858—ab
mechanical, (21) 1333
spontaneous and criminal, from medicolegal point of view, (121) 239
tubal, (45) 1961
Abortions, what shall medical profession do to prevent, (122) 300
Abscess, acute mastoid, (91) 154
and gangrene of lungs, diagnosis and treatment of, with reference to operation, (77) 1418
brain, following otitis media, (39) 2178
dual acute otitic cerebral, operation, recovery, (10) 71
hepatic, treated by transpleural operation, (17) 1419—ab
liver, diagnosis of, (112) 816—ab
liver, in Sweden, (93) 903
liver, two cases of amebic, (6) 155—ab
lung, after typhoid fever, (127) 74
near base of bladder, simulating femoral hernia, (28) 926—ab
of brain, (25) 1685—ab
of cartilaginous nasal septum, deformity corrected by subcutaneous injection of paraffin, (30) 78
otitic extradural, with paralysis of sixth cranial nerve and double optic neuritis, (29) 312
of temporo-sphenoidal lobe, (37) 1417—ab
of temporo-sphenoidal lobe of otitic origin, (65) 390
parotid, simulating mastoid abscess, (20) 72
pelvic, and its treatment, (104) 1138
probable rupture of liver, into bronchus, (44) 1857—ab
pulmonary, ending in recovery without operation; a study by means of the Roentgen rays, (76) 1418
solution of tissue with, (66) 969
splenic, in malarial fever, (31) 723
sub-hepatic, (14) 239
sub-pectoral, (9) 905, (84) 1138
sub-periosteal, of forehead, (18) 2194
treatment of tuberculous, (6) 1508—ab
tropical, of liver, (32) 156—ab, (51) 809, (29) 971
tuberculous, of shoulder joint, mistaken for progressive muscular atrophy, (87) 1418
two cases of hepatic, treated by transpleural operation, (17) 1419—ab
uterine, (9) 1857
Abscesses, differential diagnosis of metastatic and otitic, in brain, (98) 1051—ab
in lungs, (88) 236—ab
isolated, in late stages of appendicitis, (45) 465
of spleen and liver, typhus and amebic dysentery complicated by, (69) 240
Absinthe, effects of, (4) 1414
Absorption, microscopic evidences of, in large intestine, (35) 1056
studies in, (34) 1056—ab
Accommodation, subnormal, as manifestation of hysteria, (50) 2029
Accouchement forcé, induction of premature labor and, in first 5,000 labors in obstetrical department of Johns Hopkins University, (48) 1229—ab
Acetanilid poisoning by headache tablets, *2012
poisoning from bromo-seltzer, *2158
poisoning, case of, from absorption, *359
solubility of, in sodium bicarbonate solutions, *1968
Acetone bodies, action of alcohol on elimination of, (79) 396—ab
bodies their occurrence and significance in diabetes and other conditions, (27) 807
ring test for, (76) 1773—ab
Acetozone in typhoid, *1651
treatment of iritis and serous iritis by, (92) 1514
two experiences with, (73) 1514
Achondroplasia, (4) 306
its occurrence in man and in animals, (11) 75
Achylia gastrica, (45) 158—ab, (102) 1143, (10) 1785—ab
Acid, aceto-acetic, in urine, (40) 643
carbolic, acute poisoning by, recovery, *635
hydrocyanic, intoxication, (68) 1963—ab, (59) 2029
instillation of pure carbolic, into eye, *27
possible danger in therapeutic use of osmic, (6) 905—ab
Acids, chlorin and biliary, under use of saline waters, (123) 547
Acne vulgaris, (62) 1858
Acranius, an interesting case of, *2029
Acromegalia and hypertrophy of pituitary body and cyst formation, (41) 393
with interesting eye symptoms, (45) 238
Acroparesthesia, (5) 804—ab
pathology of, (92) 974
Actinomycosis, abdominal, (125) 976—ab
and pregnancy, (54) 2042—ab
atypical, (67) 2127
case of, (19) 543—ab, (43) 1957—ab
of abdominal wall, (6) 541
of appendix, (39) 1771
of cheek cured by iodid of potassium, (21) 1850—ab
pathologic anatomy of, (98) 1774
Adams-Stokes disease, (47), 73—ab
case of, with dissociation of auricle and ventricle rhythm and lesion of His bundle, (63) 1422
Addison's disease, blood pressure and pigmentation in, (11) 725—ab
three cases of, (122) 1968
Address, at Albany Medical College, Sept. 25, 1908, (61) 1856
at formal opening of laboratories of Rockefeller Institute for Medical Research, May 11, 1908, (112) 810
chairman's, before section on pathology and physiology at annual session of A. M. A., Boston, June 5-8, 1908, *549
chairman's, section on diseases of
Address, children at annual session of A. M. A., Boston, 1908, *207
chairman's, section on nervous and mental diseases at annual session of A. M. A., Boston, June 5-8, 1908, *1327
chairman's, section on materia medica, Iowa State Medical Society, (77) 1507
chairman's, section on medicine, Iowa State Medical Society, (108) 1250
chairman's, section on ophthalmology, British Medical Association, (5) 1120
chairman's, section on surgery, British Medical Association, (7) 1120
doctorate, Wisconsin State Medical Society, (116) 154
in medicine, Missouri State Medical Association, (40) 640
of welcome, delivered before Ohio State Medical Association, Canton, Ohio, May 9, 1908, (165) 74, (51) 721
on climatology, (11) 895
on state medicine, Medical Society of Pennsylvania, (41) 1685—ab
president's, before First Councilor District Medical Society, Cincinnati, (22) 2120
president's, before South Carolina Medical Association, (107) 74
president's, Bolivar County (Miss.) Medical Society, (100) 1068
president's, Brainard Medical Society, (29) 1052
president's, British Medical Association, (1) 1130—ab
president's, Cedar County (Ia.), Medical Society, (92) 2029
president's, Colorado State Medical Society, (48) 1685—ab
president's, delivered before Association of Life Insurance Examining Surgeons, (108) 227
president's, eighth meeting of American Laryngological Association, Niagara Falls, (4) 304
president's, Iowa State Medical Society, (125) 541
president's, Iowa Union Medical Society, Cedar Rapids, (113) 1250
president's, Kentucky State Medical Association, (71) 1214
presidential, Medical Society of Pennsylvania; duties and advances of medical profession, (40) 1685—ab
president's, Medical Society of Virginia, (108) 1857
president's, Montreal Medico-chirurgical Society, Oct. 5, 1908, (117) 1950
president's, Missouri State Medical Association, (39) 640
president's, New England Urological Society, (55) 721
president's, the American Surgical Association, (29) 967—ab
president's, thirty-sixth annual session, Medical Society of State of California, (72) 722
president's, to graduates and faculty of Indiana Medical College, (55) 72
president's, Toronto Medical Society, Oct. 4, 1908, (91) 1789
report of chairman's, of section of state medicine, Iowa State Medical Association, (68) 810

Address to graduates in medicine, law, dentistry and pharmacy, at sixtieth annual commencement, University of Buffalo, June 1, 1906, (115) 722
to graduates of Samaritan Hospital Training School for Nurses, Troy, N. Y., (120) 1419
to graduating class of City Hospital Training School for Nurses, Indianapolis, (57) 73
to graduating class of Medical College of Ohio, (20) 719
to graduating class of Methodist Episcopal Training School for Nurses, Brooklyn, May 31, 1906, (87) 1320
to graduating class of St. Peter's Hospital Training School for Nurses, (106) 722
Adenatome, description of a new, *777
Adenitis, cervical lymph, as observed in babies, clinic, (61) 940
Adenocarcinoma of abdominal wall developing subsequent to removal of benign ovarian neoplasms, (28) 809
Adenoid operations, observations in one thousand, (16) 1415—ab
Adenoids, (117) 309
importance of recognition and treatment of, (97) 970
removal of, in treatment of whooping-cough, (61) 902
Adenopathy, venereal, in Italian army, (96) 1809
Adenoma, of tonsillar ring; resection of both external carotid arteries, recovery, (28) 72
Adipose tissue, freezing of subcutaneous, (60) 815—ab
Adolescence, insanity of, (11) 1566—ab
Adrenal gland, primary sarcoma of, (30) 803—ab
preparations, dangers in use of, *1655
Adrenalin, acute glaucoma following instillation of several drops of, in cataracta-cyse, (38) 405—ab
chlorid in rattlesnake bite, (106) 1959
chlorid in variola, (92) 722
production of vascular lesions in rabbit by single injections of, (30) 1854—ab
treatment of sarcoma of nasopharynx by injections of, *430 (90) 1685—ab
uses of, in peritoneal cavity, (113) 154
Advancement, observations on methods of, (93) 970
Africa, diseases and hospitals of east coast of, *141, *225, *297, *631, *811, *709, *1008, *1217
African recurrens, (84) 721
Aged, disease in, (61) 1622—ab
surgical aspects of, (102) 1695—ab
Agglutinating substance, influence of temperature and cold baths on production of, in animals immunized against typhoid, (91) 1808
Agglutination and precipitation, influence of, on hemolytic complements, (78) 214
in pulmonary tuberculosis, (75) 1690—ab
of bacteria of typhus group by bile, (44) 1922
test, improved, (96) 1226—ab
Agglutinins and antibodies in anthrax, (122) 2130
in passive immunized organism, (91) 2045
relations between, (65) 2126
Aggressin, consideration of Bail's recent views of study of immunity and comparison of value of protective inoculation with, with that of vaccination in plague, (63) 402
Aggressins, filtration, (85) 544
priority, (117) 1965
Agoraphobia, (21) 1560—ab
Agraphia, isolated, with apraxia, (71) 1962
Ainhum, (83) 290—ab, *2002
case of, (19) 1450—ab
Air, cold, as therapeutic agent, (115) 1959
cold, in treatment of tetanus and yellow fever, (19) 208
cure, taking open, in Switzerland, (120) 1139
dangers of working in compressed, (20) 464—ab
dilatation in treatment of chronic constipation, (6) 639—ab
entrance of into veins, (99) 1069
passages, recognition of affections of upper, in school children, (87) 970
Air, rest in open, for gallstone patients, (47) 845—ab
superheated, in treatment of emphysema and bronchitis, (82) 1690—ab
superheated, plus calomel and iodin in treatment of tuberculosis of mucous membranes, (94) 976—ab
tract, functional derangement of ears and, in insane, (1) 305—ab
Albany Medical College in war time, (48) 73
Albumin, absorption of, in intestine, (84) 1800
and albumose, prostatic, (35) 1767—ab
deviation of complement and differentiation of, (60) 1690
digestion of, in infant's stomach, (105) 1691
clinical, in feces of adults, (85) 1882
metabolism, (107) 1691
practical significance of trace of, in urine, (29) 305—ab
precipitation test of, in food, (63) 844
Albuminuria, (19) 967
cylindruria and Bright's disease, (14) 459
diet in, *1899
hematogenous, (6) 970
in pregnancy, (63) 810
marked, from prostatic abscess, *958
of pregnancy, treatment of, (76) 1056
precipitation test for, (61) 150
recognition of albumin bodies in urine, (4) 234—ab
significance of, from insurance standpoint, (94) 826
Albumoscels and albumin metabolism, (123) 976—ab
of phthisis, (62) 1418
Albumose, recognition of myelopathic, (30) 1854—ab
Alcohol, action of, on elimination of acetone bodies, (79) 206—ab
and neuroses, (123) 1691
and other narcotics, physiologic and pathologic effects of, (74) 1507
as a beverage, (25) 724
as therapeutic agent, (14, 15) 2125—ab
comparison of effects of, and opium, (74) 309
cult, (72) 309
disinfection with, (39) 1333—ab
effect of, on throat and voice, (25) 724
ideal attitude of physician toward, as medicine, food and beverage, (20) 268, (70) 1514
in children's diseases, (34) 724
influence of, on metabolism of hepatic glycogen, *1407
in nourishment of diabetics, (88) 1282
in pneumonia, (29) 2178—ab
in treatment of typhoid, (99) 1418
physiologic and toxicologic effects of, (45) 1513
relation of, to tuberculosis, (89) 302, (90) 309
treatment of neuralgias with injections of, (25) 2126
unusual case of methyl, poisoning, (47) 238—ab
use and abuse of, (35) 1961, (34) 2125—ab
Alcoholism, (89) 514—ab
and liver cirrhosis, (97) 1774
elimination of uric acid in gout and, (69) 2127—ab
in Munich, (121) 1691
satellites, of, (27) 1229—ab
Alexander-Adams' operation, (34) 1228
Alexine and sensibilizatrice, (82) 971
Algesimeter, new apparatus (1) an aseptic objective chest for mastoid surgery and (2) a practical, *1682
Alimentation, rectal, (30) 1960—ab
Alkaloidal medicine, state of, versus old Galenical preparations, (113) 722
Alkaloids, surgical anesthesia as produced by narcotic, with reference to antiquity of method, (15) 1125
Alkaptonuria, cystinuria and, (1) 2176—ab
Alopecia areata, transmission of, (47) 1772—ab
congenita, (94) 1229
high-frequency spark in treatment of premature, (16) 450—ab
prevention and treatment of, (30) 725
Alypin, action of, on eye, (59) 153
clinical report on use of, as local anesthetic, (89) 841
new local anesthetic, (77) 1956
Amaurosis after extraction of tooth, (97) 815
case of transient lead, (55) 153
Amaurosis following acute anemia from hemorrhage, (70) 462
hysterical binocular, (79) 1685
quinin, (102) 1287
transient bilateral, with anemic aphasia in an epileptic, (45) 212
Ambulina, *1629
Amblyopia, form of, in young children consequent on inherited syphilis, (11) 811
types of congenital symbol, *1813
Ameba, cultivation of, (63) 844
Amebiasis, comparative treatment of intestinal, (4) 458—ab
its association with other diseases, complications and after effects, (67) 462
Amenorrhea and dysmenorrhea, stem pessary for, *2133
American Medical Association, meeting of, and impressions of historic Boston, (79) 1138
Railway Association's rules, critical review of, governing visual qualifications of employés, (94) 970
Urological Association, (54) 721
Amino acids and metabolism, (7) 1769—ab
Amnion-epithelium, secretory actions of, (69) 1774
Amniotic cord groove, surgical cure in leg, (79) 845
Amputation, osteoplastic femoro-tibial, (39) 900
stump, Bungy's, weight bearing result of, (105) 467
successful, of leg at 94 years with account of new operation, (7) 75—ab
two cases of, of shoulder girdle, (15) 542
Amylase in serum, (100) 815
in serum and urine, (109) 815
Amyloid bodies, origin of, (94) 1774
Anaerobes, new growth of, (79) 214
fluid media for cultivation of, (90) 1032
Anaerobic organisms, simple method for plating of, (67) 892—ab
Analgesia, experience with spinal, and its application to military surgery, (20) 227
spinal, (58) 73, (66) 894, (42) 1230
Anastomoses, series of intestinal, (38) 1057
of blood vessels by patching method and transplantation of kidney, *1848
Anastomosis, between femoral veins subsequent to thrombosis of left external iliac vein during typhoid, (34) 1637
button for intestinal, (67) 1141—ab
successful end-to-end, after partial dismemberment in runaway accident, *1899
Anatomic appearances, importance to surgeons of study of, in living, (62) 1514
Anatomy, teaching of, in universities and medical schools, (3) 1139, (120) 1959
Anemia, experimental in rabbit, (36) 1952—ab
in children, (21) 1215
infantile splenic, (18) 211
in pregnancy, (65) 640
insufficiency of tricuspid valve in pernicious, (58) 1415—ab
interesting case of pernicious, (5) 151
in the tuberculous, (39) 2003—ab
leukemia and cancer, relations between pernicious, (72) 1952—ab
of ankylostomiasis, pathology of, (64) 844
parallelism between condition of blood and that of bone marrow in pernicious, (45) 901—ab
pernicious, in puerperium complicated with septic infection, (79) 1517
primary pernicious, (75) 1339
serious, from micrococcus tetragenus albus, (118) 1819—ab
severe, without degeneration or atrophy of bone marrow, (46) 465—ab
so-called school, (66) 1779—ab
treatment of, in ankylostomiasis, (108) 546—ab
unusual forms of, in childhood, (14) 811—ab
Anesthesia, bilateral abducent paralysis with intense pain in back of neck, after spinal, (87) 1434
choice of, (107) 1331
cocain, by Schleich's method, (41) 1536
consideration and treatment of accidents of surgical, with reference to prevalent drug treatment, (14) 151—ab
Anesthesia, cure of contractures by spinal, (65) 294
electrical orientation in spinal, (6) 287—ab
ether-air, or drop method for administration of ether, *1655
ethyl chlorid, (21) 2035—ab
in first stage of labor, (45) 538
in tonsil and adenoid operations, (72) 540
limited area of, epileptiform attacks of hemialgesia, and early muscular atrophy in case of brain tumor, (55) 1765—ab
local, (108) 1231, (40) 1516, (134) 1959
local, and anesthetic as employed in dental extractions, (16) 310
local, in treatment of rectal and anal disease, (110) 998, (10) 1415
new apparatus for lumbar, (118) 1601
permanent paralysis after spinal, (88) 727—ab
practical, (70) 2039
propolamin in, (62) 152
scopolamin-morphin, in labor, (60) 77—ab, (102) 1774—ab
somnoform, (42) 72, (92) 227
spinal, (51) 813—ab, (42) 1516, (6) 2177
spinal, history of, (67) 643
spinal, in gynecology and obstetrics, (85) 1032—ab, (95) 1802—ab
spinal, preceded by morphin-scopolamin, (58) 243—ab, (60) 1802—ab
sterile water, in operative treatment of diseases of rectum and anus, (58) 1763—ab
surgical, produced by narcotic alkaloids with reference to antiquity of method, (15) 1125
surgical, with kyrocia hydrobromid and morphin, (16) 151, (61) 2039
to avoid mishaps in spinal, (94, 96) 1235—ab
transient paralysis of ocular muscles after spinal, (79) 1234
two cases of left abducent paralysis after spinal, (67) 728
two cases of serious respiratory disturbances from spinal, (73) 73
Anesthetic, clinical report on use of alypin as local, (89) 841
ethyl chlorid as general, in minor operations, *958
new method of administering through tracheotomy tube, (15) 1221—ab
sequences, notes on some, (41) 1687—ab
Anesthetics, choice of, (111) 154
discussion of, (117) 1965
local, in operations on chest and abdomen, (44) 1956—ab
plea for scientific administration of, *1321
tampon of tubation of pharynx to facilitate administration of, and to prevent inhalation of blood in mouth and face operations, (46) 1956
Aneurism, arteriovenous, of neck caused by gunshot wounds, (32) 2125—ab
early diagnosis of syphilitic, of aorta, (89) 2126—Jab
extraperitoneal ligature of external iliac artery for, (33) 461—ab
fluoroscopy in diagnosis of, *927
of aorta, diagnosis of, (70) 1773
of arch of aorta producing a broncho-esophageal fistula, (27) 1954—ab
of ascending aorta, with slow extravasation of blood into pericardial sac, (35) 1536
of subclavian artery, (38) 906—ab
of thoracic aorta with ulcer of esophagus and periaortitis, (91) 808
operated on by Matas method, *282
operation, recovery, *1019
radical cure of, *990
successful treatment of thoracic, through to rupture externally, (12) 1331—ab
true and false, *1422
unusually large, of abdominal aorta, (61) 1418
Aneurisms, gelatin injections for, (38) 484—ab
intramuscular suture of, *1617
Angina, Vincent's, (92) 227
Angina-pectoris, (51) 465, (3) 1033, (70) 1320
its mechanism and treatment, (1) 1511—ab
spasmodic vasomotor contraction with cure, (61) 1622—ab
true and false, *1422
Angioma, diffuse cavernous, (97) 813
of leg and trunk, (87) 813
of upper lid, operation, (62) 1137
relation of sarcoma to, (30) 215

Angioneurotic edema, case of, (19) 1126
Ankle, clinical significance of variations of wrist and, *228
joint, method of drainage of, (39) 1494—ab
Ankylosis, congenital of finger-joints, (31) 1022
of spine, two cases of, chronic, (55) 643
rheumatic cricoarytenoid, (9) 1054
Ankylostome parasitism among native laborers in Transvaal, (16) 1238
Ankylostomes of Burma and Assam, (35) 1859
Ankylostomiasis, five cases of, (39) 1516
treatment of anemia in, (108) 546—ab
Anorectal diseases, local anesthesia in operative treatment of, (10) 1415
Anthracosis of lungs, possibility of intestinal origin of, (125) 1095—ab, *1520
primary tuberculosis and, of lungs and bronchial glands, (97) 1091—ab
Anthrax bacilli, destruction of, in guinea-pig organism, (109) 2130
edema, malignant, in Central America, (11) 971
Antiamboceptors, (31) 942
Antibodies formed after ingestion of vegetable gluten, (115) 1519
specific action of, (45) 1859
theories as to nature of, (69) 1033
Anticholera serum, (5) 971—ab
Anticrotalus and antimoccasin sera, therapeutic experiments with, (34) 1852—ab
Antidiphtheritic serum, prophylactic use of, (19) 1231—ab
Antidysentery serum, great efficacy of, (46) 972—ab
Antiperiodic-compound, a useful, (130) 54
Antipneumococcic sera, dynamic effects of, in pneumonia, (69) 1068 (59) 2122—ab
Antipyrin amaurosis, induced by 136 grains taken in forty-eight hours, (57) 153
keratitis, (71) 897
Antisepsis, prophylactic, (78) 1032
Antiseptic, is sulphate of soda true intestinal, (36) 1961—ab
Antiseptics, action of, on parasite, (31) 792, (121) 970
intestinal, systemic depolmonere, (154) 74
Antistreptococcus serum, in puerperal fever, (39) 1228, (35) 1217
serum, therapeutic action of, (66) 1231
Antithyreoidin, therapeutic value of, in exophthalmic goiter and kindred affections, (37) 139—ab
Antitoxin in diphtheria, (94) 541, (86) 1139
injection of, in diphtheria by intravenous method, (30) 1515—ab
intestinal absorption of, (68) 1032—ab
rash, unusual case of, (32) 809—ab
results of use of refined diphtheria, Gibson's globulin preparation in treatment of diphtheria, (23) 1334—ab
Antitoxins, oral administration of, for prevention of diphtheria, tetanus, and possibly sepsis, etc., (36) 1726—ab
Antituberculin, presence of, in tuberculous tissues, (38) 645
Antituberculosis work, present status of, in Canada, (7) 1231
Antityphoid inoculation, memorandum regarding, (34) 642
Antrum drill, trocar-pointed, (74) 1035
is it necessary to open, in every case of mastoid operation? (69) 1035—ab
of Highmore and its infections, (13) 1565
of Highmore, epithelioma of, (82) 541
plug, combined, and artificial denture, (3) 1032—ab
Anuria, (25) 1359
cases of functional, (90) 722
surgical aspects of, (47) 208, (32) 460
Anus, Artificial, technic of, (75) 814
fistula of, (72) 1762
Aorta, aneurism of, (102) 154
aneurism of ascending, with slow extravasation of blood into pericardial sac, (33) 1510
aneurism of thoracic, with ulcer of esophagus and epigastritis, (91) 898
Aorta gangrene of both feet and legs due to embolism and thrombosis of abdominal, in entire extent, result of mitral stenosis and consecutive cardiac thrombosis, (13) 641
Aortas, results of complete and incomplete occlusion of abdominal and thoracic, by metal bands, *2147
Aortic insufficiency, and appendicitis, (100) 541
insufficiency, dicrotic pulse with, (110) 1775—ab
Aperient, good formula for, (28) 542
Aperients, effects of, on peristalsis of stomach and intestines, *1819
Aphasia, (9) 155, (9) 238, (3) 2176
amnesic, with transitory bilateral amaurosis in an epileptic, (45) 212
is there center for, (55) 2042
Marie's new views of motor, (44) 815—ab
motor, case of, (112) 2046
revision of question of, (44) 1772—ab
sensory, (22) 642—ab
transcortical motor, (115) 1776—ab
Aphonia, attacks of hysterical, occurring in patient subject to typical epileptic seizures, *112
Aphtha, two cases of tropical, (spree), (24) 460
Aponeurosis, loss of extension, (90) 243
Apoplexy, cerebral localization in, (72) 237, (55) 462, (64) 1057
diagnosis and treatment, (66) 1058-ab
etiology of, (61) 1057
general symptoms of, (45) 861, (63) 1057
of liver in syphilis, (42) 1771—ab
prognosis and treatment of cerebral, (71) 237, (54) 462
prognosis and treatment of general, (62) 1057
Apparatus and therapy, electrical, (90) 1330
new, (1) aseptic protective sheet for mastoid surgery, (2) practical algesimeter, *1662
Appendages, facts and figures of end results in 100 cases of conservative operations on uterine, (45) 530—ab
Appendical affections, balneologic treatment of, (30) 495
Appendectomy, indications for, in iliocecal pain, (103) 457
an hour after parturition, (25) 202—ab
hemorrhage from stump following, *2029
intestinal obstruction by band eighteen months after, (29) 794
through operative wound for radical cure of right inguinal hernia, *1738
trend of times in, (105) 2124—ab
Appendices epiploicæ of hernia, (76) 1851
Appendicitis, (34) 211, (32) 812—ab, (35) 986, (25) 971, (103) 1138, (40) 1139, (5) 1327—ab, (74) 1422, (36) 1897, (63) 1772, (3) 1357—ab, (95) 2035—ab
advantage of early operation in, (101) 1331
and abscess formation, (4) 462—ab
and gallstones, relation between, *1455
and gangrene of vermiform appendix considered as separate diseases, (3) 641—ab
and its differential diagnosis in children, (102) 1419
and pleurisy, (48) 2179—ab
and typhlo-colitis, (25) 1359
as cause of botany, (30) 236—ab
as seen by country doctor, (155) 74
ascaris lumbricoides as cause of, (8) 722
atypical clinical features of, (2) 71—ab, (9) 181—ab
boric acid relative to, (14) 1228—ab, (22) 1682
bradycardia in, *2011
case illustrating association of pelvic disease with, (50) 988
case of, with complications, (25) 971
chronic, and early diagnosis and treatment of acute, in children, (8) 73—ab
differentiation of serious, (60) 212
diseases of tympanitic tissues and their relations to, (62) 455
discussion of operations for non-existent, (40) 464—ab
diverticulum in, (104) 1924
equality frequent in women and men, (55) 1032
general observations with statistics to date, (48) 2121
Appendicitis, gynecologic effects of, (35) 1029
healing of suppurative, with calcification, (45) 1956—ab
in infants, (46) 2126—ab
interval operations, (111) 2046
isolated abscesses in late stages of, (45) 465
larvata, (43) 1855
leucocyte count in, (98) 74, (77) 1138—ab
liver infection from, (74) 722
lymphatics in, (47) 1329
or typhoid, (47) 1961
peculiar case of, (26) 202—ab, (62) 897—ab
perforative, caused by a foreign body, (9) 1512—ab
plea for complete operations in pus cases, (21) 1765—ab
points commonly contested in diagnosis and treatment of, (104) 2124—ab
present status of treatment of, family physician's responsibility, (9) 718
rare case of, (38) 202—ab, (62) 897—ab
retrocecal-retroperitoneal, (95) 1769
results of early operations for, (39) 1052
treatment of, (3) 458—ab, (108) 975
treatment of, other than surgical, (92) 1958
unnecessary operations for, (53) 76—ab
when is early in operating for? (6) 1692
when should we operate in? (61) 1157
Appendicostomy, *426, (83) 2123
and cecostomy for relief of chronic diarrhea, (18) 967—ab
Appendix, actinomycosis of, (29) 1771
appendicitis and gangrene of vermiform, considered as separate diseases, (3) 641—ab
case of tying wire perforating, (15) 2029—ab
chronic inflammation of, not prerequisite for acute attacks, (54) 462
conditions within, causative of its inflammation, (97) 810
etiology of punctate hemorrhages in, (76) 78
false diverticula of vermiform, (35) 460
hemorrhages of, (45) 2125
hernia of vermiform, probably infantile, and perforated by pin while in scrotum, (13) 1354—ab
instrument for invaginating tip of, *27
normal and pathologic histology of, (107) 2042
100 consecutive cases of, operation, (13) 1959
polypi of, *259
propneumo, due to obstruction by fecal concretion, *425
strangulation of, in hernial sacs, (39) 1666—ab
surgery of, (49) 1329
typhoid infections of, (14) 956
Appetite cure, (112) 1969
significance of morbid, with erosions and ulcers of stomach, (30) 157—ab
Appliance, lifting, for bandaging trunk, (84) 242—ab
Aquamiel, *1629
Areas, observations on functions of association, (cerebrum), *1464
Argyria, general, *1629
Arizona, winter amusements in, (117) 1331
Arkansas, surgical pilgrimage to, (61) 153
Arm, interscapulothoracic amputation for sarcoma of, (30) 1956
Army bearer corps, (32) 76
medical department of Japanese, (15) 283, (30) 459
physical examinations for United States, (23) 720
prevention of disease in, and best method of accomplishing that result, (129) 236
sanitary conditions in Japanese, (37) 734—ab, (58) 1857
Arsenic, in pityriasis rubra pilaris, (40) 720
in pneumonia, (13) 2036—ab
phosphorus and antimony test for, (85) 815—ab
success of, in treatment of 8 children with whooping-cough, (47) 1139
Arsenicum, (127) 898
Arteria hyaloidea persistens, cases of associated coloboma oculi and, (77) 1665
Arterial disease, certain clinical aspects of, (25) 812
hypertension, renal origin of permanent, (40) 734—ab
tension, constitutional low, in children, *1734
tension, veratrum viride in case of increased, (90) 815—ab
Arteries, experimental study of suture of, with description of new suture, (39) 1229—ab
functional tests of, (89) 1600
influence of acute infections on, (32) 812
sclerosis of coronary, (7) 1504—ab
Arteriosclerosis, (119) 154, (31) 226, (41) 2041
cardiac lesions associated with, (82) 1418
clinical manifestations of abdominal, (95) 545—ab
clinical manifestations, visceral and general of, (7) 1665
experimental, by adrenalin inoculations and effect of potassium iodid, (44) 646
gastrointestinal disturbances due to, (65) 814—ab
in surgery, (78) 243—ab
its relation to disease of nervous system and to disorder of its function, (9) 71, (125) 970
senile, (90) 898
Arteriovenous anastomosis, (29) 1653—ab
Artery, extraperitoneal ligature of external iliac, for aneurism, (32) 461—ab
ligature of innominate, (66) 644-ab
persistent hyaloid in both eyes, unusual variety in one eye, (69) 462
radial, sclerosis of, (78) 2044
rupture of coronary, (62) 206—ab
treatment of aneurism of subclavian, (36) 900—ab
Arthritis, case of pneumococcic, (7) 155
deformans and chronic articular rheumatism; their treatment, (84) 1514
deformans of hip, treatment of, (93) 967—ab
differential diagnosis of diseases grouped as rheumatoid, chronic rheumatisms, etc., (7) 2175
gonorrheal, in children, (72) 1357
primary pneumococcal, (10) 239—ab
treatment of chronic, resulting from distant local infection, especially of mucous cavities, (19) 388
treatment of, with intravenous collargol injections, (110) 1603
tubercular, (89) 1958
two cases of gonorrheal, treated by Bier hyperemia, (60) 1397—ab
Asbestos as a surgical dressing, (33) 73—ab
Ascaris lumbricoides as cause of appendicitis, (8) 722
lumbricoides, liver abscess with reference to etiologic importance of, (61) 897
Ascites, pathogenesis of, (37) 1035
pseudo, in dyspeptic infants, (110) 2046
surgical treatment of, secondary to vascular cirrhosis of liver, (17) 1960—ab
Asemia, case of traumatic, (34) 2121—ab
Asepsis and antisepsis, obstetric, (129) 970
Aspergillosis, primary, of lungs, (77) 815—ab
fumigatus and penicillium glaucum, toxic action of, (90) 1538
mycosis of lung, (89) 1422
Asphyxia, local and gangrene of extremities of tubercular origin, (32) 206
neonatorum; its causes and treatment, (6) 1058—ab
neonatorum, use of oxygen in, (3) 1765—ab
Aspiration drainage, history of knowledge of, in empyema and other surgical conditions, (35) 927
Asthma, bronchial, (124) 970—ab
Curschmann's, spirals in bronchial, (35) 157—ab
hay fever and persistent bronchial, relieved by treatment of antrum of Highmore, (5) 962—ab
leucocytes in, (92) 206—ab
pathogenesis of, (82) 815—ab
treatment of bronchial, (93, 94, 95, 98) 1230, (69) 1234—ab, *1662
Asthmatic paroxysm, inhibition of, (55) 2122—ab
Astigmatic accommodation; study of relative frequency in fifty cases with marked asthenopic symptoms, (76) 462

Adrenalin, fracture of, (116) 1220
Ataxia, hereditary cerebellar, and general paresis, (82) 290
treatment of tabetic, by methodical exercises, (40) 1056—ab
Atheroma, of aorta, action of iodin on, when induced by adrenalin, (55) 813
Atonia gastrica in relation to cholelithiasis, (119) 74, (37) 1229—ab
Atresia ani vesicalis, (71) 305
diagnosis of congenital, of small intestine, (38) 643—ab
of small intestine, (102) 1004
Atrophy, neurotic type of progressive muscular, (56) 200, (77) 2122
of eyeball, origin of, (63) 242
total, of stomach, *833
treatment of progressive, of optic nerve due to acquired syphilis, *923
Atropin, chronic, poisoning, (11) 639—ab
sulphate, effects of full and of minimum doses of, and of homatropin hydrobromate, (72) 897
uses of, (74) 1514
Atypical, the, the indefinite, (90) 541
Aural disease, headaches due to, *1823
Auricle, postoperative precyanosis of pericbondritis of, (75) 74
Autoinfection, puerperal, from bacteriologic standpoint, (47) 1516—ab
Autointoxication, (109) 1220
acute, from fecal stasis, (39) 1330, (39) 1415
from gastrointestinal tract, (28) 640
from stenosis of pylorus, (79) 467—ab
gastroenteric; its recognition and significance and relation to arterial hypertension, (104) 1321
intrinsic gingivitis due to, *201
intestinal, (54) 1137
Autolysis, organ receptors in, (60) 1140
relation of, to histologic changes occurring in necrotic areas, (41) 1058
Automobile, for physicians, (39) 725
fracture, (32) 819
Autosarcosis, (31) 1220
Autosmosis, (109) 546—ab
Autopsy as judge of bedside conclusions, (40) 152
Autotoxemia, (74) 154, (80) 1597
Avulsion of peripheral branches of trigeminal nerve for cure of trifacial neuralgia, (113) 970—ab
Axis-traction apparatus, new, (18) 1055—ab

B

Babinsky reflex after scopolamin injections, (26) 1518
sign, occurrence of, in normal people during sleep, (70) 2089
Bacilli carriers, typhoid, (36) 543
saprophytic hemoglobinophilic, (91) 1620
Bacillus fluorescens putridus and diarrhea, (28) 155
of Hamilton Wright, obtained from two cases of acute beriberi, (35) 1139
of Pfeiffer, pleurisy and peritonitis caused by, (41) 2178
pestis, action of serum of various mammals on, (11) 391—ab
pestis, date of appearance and duration of, in peripheral blood in cases of bubonic plague in India, (29) 543
pyrogenes associated with febrile disease, (31) 1354—ab
typhosus, action of cold or luke-warm tea on, (45) 1359—ab
typhosus, presence of, or closely allied organism in sample of distilled water suspected to have caused typhoid, (15) 1139
typhosus, variation of in different organisms, (60) 644
Bacteria, biologic action of, in large intestine, (60) 2044
in scarlatinal and normal throats, *1171
numerical classification of, (45) 640
pathogenic, of conjunctiva, *320
pathogenic, of eye-ball, *324
simple way of using Buchner's method for cultivation of anaërobic, (38) 1059
Bacterial cell, contribution to chemistry of, and study of effects of some split products on animals, (7) 806, (1) 1684
colonies, cause of green coloration of, in blood agar, (34) 1227—ab
disease in plants (33), 2125
vaccines, series of cases treated by injection of, (14) 1770—ab
Bacteriologic studies, practical, in surgical clinic, (24) 967
Bacteriolysins, injections of specific tuberculous, directly into lungs, (107) 648—ab
Bacterium coli commune, infections by, with reference to urinary tract, (3) 223
Balneology, modern, (60) 1217
Balneotherapy, experimental research on, (28) 642—ab
in complication occurring during menopause, (56) 543
in gynecologic affections, (35) 643—ab
in Marienbad, report of, (50) 542
Baltimore, present aspects and needs of milk supply of, (102) 309
Bandage for stump after amputation through thigh, (98) 722
Bandages, abdominal, (64) 294
Banti's disease, and splenectomy, (11) 1359
case of, (24) 826 (splenomegalia of liver), (2) 894—ab, (36) 1221
Barberio's reaction for spermatic fluid, (82) 1060—ab
Barium chlorid, digitalis and, (11) 71—ab
Barlow sanatorium, Los Angeles, Cal., (118) 1321
Basedow's disease, internal treatment of, (88) 467
pathology and therapy of, (52) 465
Bath, substitute for four cell, (54) 725
Baths, action of carbonated thermal saline, on high pressure, (70) 1234
carbonated, and reaction of circulatory apparatus to, (70) 1234
hot, in treatment of superficial inflammations, (65) 214—ab
should cold, be given for fever in young children? (13) 489—ab
Beans, poisoning from canned, (37) 157—ab, (58) 1861—ab
Bedbug, present status of, in transmission of human diseases, *85
Bed lift, a, *1093
Beef serum, precipitating properties of, trypsin digestion, (108) 1775
Belladonna, its uses and abuses, (82) 237
Benzidine, injection of, (54, 55) 971
Beriberi, a restatement and reply to some criticisms, (10) 971
bacillus of Hamilton Wright, obtained from two cases of acute, (35) 1139
mouldy rice; occurrence of in Bohor district, (36) 1139
studies in, (101) 1885—ab
Bier, congestive and suction therapy in affections of skin and genital organs, (58) 542
congestive hyperemia, from standpoint of endotoxin theory, (61) 726—ab
congestive suction treatment, technic of, (41) 645
passive congestion, (74) 1141—ab, (120) 1985
treatment of infections and septic wounds of extremities, (11) 1512—ab
treatment, value of, (12) 718
Bile, as culture medium, (93) 326
as culture medium for typhoid bacillus, (115) 1691
duct, obstruction of common, (1) 1134—ab, *1438
duct, operations on lower part of common, (2) 2040—ab
fistula, plastic anastomosis between biliary passages and gastrointestinal tract to cure, (66) 2042—ab
passages, diseases of, including liver, gall bladder and pancreas, (6) 1225—ab
pathology of, *785
Bilharzia hematobia, case of, (37) 1516
Biliary affections, small frequent meals in treatment of certain, (13) 1135—ab
apparatus, group of cases illustrating surgery of, (36) 1515—ab
passages, diseases of, including liver, gall bladder and pancreas, (7) 1225
tract, diseases of, with reference to pathology and differential diagnosis of cholecystitis and cholelithiasis, (100) 1418
tract, indications for surgical intervention in infections of, *403
tract, infections of, with reference to latent (or masked) and typhoid infections, (33) 1416—ab
tract, remote consequences of infections of, (32) 1324
tract, surgery of, (7, 8) 459, (18) 539
Bilious typhoous relapsing fever, (33) 1397
Billousness, (102) 1321
Binder, inexpensive rubber, for compression of breasts, (69) 540
Biologists in public schools an aid to morals and prosperity, (122) 2124
Birds, notes on collection from Palawan Island, (38) 2176
notes on four, from Luzon and on species of doubtful occurrence in Philippines, (102) 1002
notes on, collected in Mindoro and in small adjacent islands, (34) 970
Birth, management of, with contracted pelvis, (60) 1772
rate, diminishing, (12) 971
so-called causes of, (62) 1060
Births after vaginal Cesarean section and vagino-fixation, (30) 1322—ab
Blackwater fever, treatment of, (59) 394—ab
Bladder affections in gynecologic cases, (30) 1055
and renal pelvis, medicinal and dietetic treatment of catarrh of, (61) 1422
cancer of, in bilharzia affections, (89) 315—ab
diverticulum of, prostatic obstruction operation, (15) 155
etiology, pathogenesis and treatment of vesical calculus in woman, (16) 224
hernia of, (13) 305, (112) 1984—ab, (54) 2039
inguinal hernia of, *281
intravesical operations with aid of cystoscope, (60) 721
irritation of, in women, consideration for its management, (24) 1683
plastic operations on, (76) 903—ab
perforation in curetting, (60) 485—ab
present status of operative intervention in exstrophy of, (84) 1320
preventive artificial filling of, during gynecologic operations, (70) 78—ab
Roentgen ray treatment of malignant disease of, through suprapubic incision, (32) 1315—ab
satisfactory vesical evacuator of, (41) 987—ab
simplest, easiest and best method of irrigating, *112
successful removal from male, of lost filiform bougie by endovesical manipulations, *1189
three cases of intraperitoneal rupture of, (37) 971
traumatic intraperitoneal rupture of, (24) 308—ab
traumatic ruptures of, (78) 972
treatment of tuberculosis of kidney and, by nephrectomy, *2047
tuberculosis of, its cure, (87) 903—ab
tuberculosis of, plea for early diagnosis, (97) 726
tumors of, results of surgical treatment of, (92) 79—ab
vesical sphincter and mechanism of closure of, (4) 811—ab
wound, treatment of, after high incision, (94) 1691—ab
Blastomycetes, soluble products in etiology of cancer, (75) 902
Blastomycosis, (110) 1138
case of, results of culture and inoculation experiments, (120) 541, (42) 1057—ab
generalized, (88) 1227—ab
generalized, two cases of, *247
Blepharitis, (22) 1322—ab
Blindness after tooth extraction, (97) 815
frequency of, due to an affection of accessory sinuses, (52) 1057
Blood, action of chloroform on, (110) 815
analysis in private practice, (122) 209
and lymphocytosis in cerebrospinal fluid, (45) 1902—ab
and seminal stains, improved methods for recognition of, (5) 1569—ab
and tissue, methylene-blue-eosin stain for, (97) 1236—ab
and urine, electrical resistance of, as test of functional efficiency of kidney, (3) 641
apparatus to obtain small quantities of, (91) 1903
chemistry of, at birth, (77) 2127
chloroform in, (52) 1063—ab
clot method of wound repair in aural surgery, (31) 1323
clot, modified, in mastoid surgery, (95) 1065, (18) 2040
Blood coagula in sputum in chronic hemorrhagic bronchitis, (20) 1422
coagulability of, in yellow fever, (35) 1354—ab
corpuscles, action of photodynamic substances on, (49) 1294—ab
corpuscles, new counting chamber for enumeration of, *1727
corpuscles, red, resistance of in cases of vaginal and uterine cancer, (97) 215
counting, comparison of results in, between the Einhorn-Laporte and Thoma-Zeiss methods, (17) 1294
cultures, clinical value of, (31) 1139—ab
determination of viscosity of, (83) 645
direct transfusion of, in treatment of hemorrhage, *1482
diseases, (65) 1903—ab
examination, clinical value of, in colitis mucomembranacea and its complications, (22) 1052
examination of, by cut sections, (36) 971
examination of, in nervous affections, (92) 1517
examination of fresh, in general practice, (46) 294—ab, (69) 1896
examination of, to determine if other than Mediterranean fevers were would agglutinate the M. melitensis, (25) 542
experimental increase in concentration of, (114) 1903—ab
filaria, nerve of man; filaria philippinensis, (32) 1416—ab
fistula of thoracic duct in relation to morphology of, (116) 2130
glands, influence of, on process of metabolism, (68) 1314
in relation to skin diseases, (12)1514
neutrophile findings in infant's, (114) 1221
observations on action of strontium salts on coagulability of, (16) 389—ab
opsonic power of, (22) 971
parallelism between condition of, and that of bone marrow in pernicious anemia, (45) 901—ab
pipettes, method of cleansing, *1782
plates, method for differential staining of, (15) 208—ab
plates, origin of, (98) 2128
pressure and influence of food in experimental nephritis, (54) 1140
pressure and hypertension in Addison's disease, (11) 723—ab
pressure, arterial, in heart disease, (14) 1419—ab
pressure changes in Cheyne-Stokes respiration, (45) 1037
pressure, clinical value of accurate estimation of, (31) 724, (5) 1769
pressure, determination of, by use of sphygmomanometer, (69) 640
pressure, four-cell bath and, (40) 1235
pressure, experiments on venous, and its relations to arterial pressure in man, *1279
pressure, influence of variations in, on concentration of blood, (34) 2128
pressure in heart and kidney disease, (58) 2128—ab
pressure in paresis, *1241
pressure in relation to disease, (6) 1903
pressure, measurement of, (82) 723—ab, (69) 1434
pressure, measurement of diastolic, (94) 1142
pressure, relation of, to surgery, (65) 1703
pressure, symptoms and management of early stages of increased, (99) 389
relations between composition and tension of, (82) 214
résumé of recent work in clinical pathology of, (94) 1141
serum, changes in concentration of, after intake of water, (90) 1903—ab
serum, coagulating power of, in epilepsia, (117) 1903—ab
significance of opsonic power of, and value of estimations of opsonic index in diagnosis of tubercular and other infections, (21) 971
significance of, photoactivity of, (94) 2177
simple method of sterilizing for cultural purposes, (92) 1701
structure of red corpuscles of, (120) 547
study of, in Banti's disease before and after splenectomy, *1149

Blood, study of, in dengue, with reference to differential count of leucocytes in diagnosis, (64) 462
test, technic of biologic, (103) 1038
tests, biologic, (120) 875—ab
typhoid-bile tubes for bacteriologic examination of, (31) 1063
use of thyroid extract to shorten coagulation time of, (25) 1057—ab
vacuolated mononuclear cells in, of guinea-pig, (11) 155
value of, examinations in surgical diagnosis, (24) 235—ab
vessels, anastomosis of, by patching method and transplantation of kidney, *1048
viscosity of human, (95) 1518
Bodies, foreign, in cornea and conjunctiva, (122) 541
foreign, in digestive tract, (64) 214—ab
Body cells, digesting faculty of, (101) 457
electric charges of, (54) 1334
foreign, in crystalline lens extracted by electric magnet, (57) 208—ab
linea, protection for, in pneumothorax, (20) 343
studies of new inhibiting, *134) 1091
Body weight, method of recording changes in, which occur within short intervals of time, *1792
Boil and paranephritis, relations between a, (62) 644
Bone and joint lesions, diagnosis and treatment of tuberculous, from general practitioner's standpoint, question of responsibility for deformity, (88) 722
cavities, treatment of, *965
cysts of, (99) 1138
etiologic factors in, tuberculosis in children, (6) 2126—ab
formation in goitres, (71) 845
implanted in larynx, two cases of, (31) 1328
implantation of muscle to repair defect in long, (94) 210—ab
marrow, diagnosis of tumors in, from blood findings, (94) 1518—ab
marrow, severe anemia without degeneration of atrophy of, (46) 685—ab
mechanism of fracture of metatarsal, (53) 813
pins, treatment of ununited and compound fractures with, (50) 1307—ab
reproduction of, after operation for necrosis, (80) 462
Bones and joints, diseases of, (85) 227
and joints, treatment of tuberculosis of, (10) 459
dislocation of metatarsal, (80) 809
multiple primary tumors of (44) 2126—ab
neurotic atrophy of, (112) 1775—ab
Books, medical, (18) 1060
Borborygmi, hysterical neurosis of stomach with report of case of rhythmical, of hysterical origin, (85) 1418
Boric acid relative to appendicitis, (14) 1382—ab, (22) 1062
Bottini's operation, (48) 312
Bowel, malignant disease of, (46) 1228
Brachioplegia of cerebellar type and rhythmical tremor, with attempt to explain symptoms and to localize lesions, (39) 724
Bradycardia in appendicitis, *2011
syncopal, (18) 1059
with arrhythmia and epileptiform seizure (17) 311
Brain, abscess, (35) 1884—ab, (45) 1885—ab
abscess of, case of serous meningitis mistaken for, (35) 541
abscess of, following otitis media, (39) 2176
abscess, following traumatism and acute mastoiditis, (40) 1137
a good field for surgery, as shown by its disregard for traumatism, (67) 1229—ab
diagnosis and localization of tumors of frontal regions of, (19) 1859—ab
differential diagnosis of metastatic and otitic abscesses in, (98) 1691—ab
faradization of motor cortex in human, *1972
focal lesion, lip-tongue-throat syndrome of, (78) 814
gliomatous new growths of, (106) 1984
injuries to, diagnosis and treatment of, (95) 208
lesion of, from impact of umbrella tip, (137) 1966—ab
palliative operations in treatment of tumors of, *979
Brain pneumonia in children, (20) 467
rare case of tumor of, (45) 1228—ab
report of, weighing 2,069 grains (73 ounces), *97
senile, (46) 312
surgery of frontal lobes of, (109) 1894—ab
surgery of, present status of, *926
symptoms of affections of frontal lobe, (101) 1149—ab
tumor of, (47) 1513
tumor of, report of a case of, *101
tumor of, study of seventy cases, (5) 1057—ab
tumor of, with meningitis, probably tubercular, etc., (28) 1697
two cases illustrating value of ophthalmoscopy as aid in diagnosis of cause of lesions of, (42) 1329—ab
Bread, dietetics of, (39) 1139
Breast, amputation of, (74) 209—ab
cancer of, necessity for early, radical operation, (58) 1057
early diagnosis of cancer of, (64) 72
feeding, infantile derangements due to improper, with suggestions for prevention and treatment of constitutional disorders, such as rickets and marasmus, (84) 1413
new classification of benign tumors of, (8) 1883—ab
new method of incision for removal of, (1) 205—ab
new operation for cancer of, (28) 1321
plastic operation after removal of, (76) 205—ab
technic of, amputation of, (40) 2125
treatment of cancer of, (46) 209
Breathing, deep, as therapeutic and preventive measure in certain diseases of lungs, (9) 927—ab
stercoraceous, (10) 925—ab
Breech presentations, management of, (22) 1858
Bronchial hematom-mole, (32) 207—ab
Bright's disease, albuminuria, cyliuria and, (18) 1060
and, diabetes in relation to suppurative osteomyelitis of mastoid, (74) 540
British Medical Association, meeting of, in Toronto, August 21-25, 1906, (57) 1057, (9) 1135, (125) 1331
Medical Association, past, present and future of, (6) 209
Medical Association, preliminary program of seventy-fourth annual meeting of, (59) 1057
Medical Association, report of work of sections, (10) 1139
Medical Journal, educational number, (1) 1058—ab
Bromin in septic conditions, (105) 1058
Bromism, *1271
Bromo-salts, death from, *2158
impotence caused by excessive consumption of, *958
Bronchi, foreign bodies in, (33) 1420, *1243
inhalation of vapors in chronic catarrh of (41) 1060
Bronchiectasis, successfully treated by incision and drainage, (54) 220
Bronchitis and bronchopneumonia, (32) 462
blood coagula in sputum in case of chronic, hemorrhagic, (60) 1422
case of, with remarks on cough and perforated zinc inhaler, (2) 2119—ab
Bronchopneumonia, (27) 1958
bronchitis and (32) 462
in children, (103) 970
senile, (105) 1138
Bronchoscopy for foreign bodies, (41) 812
Bubons and their significance in plagua, (17) 462
Buchner's method, simple way of using, for cultivation of anaërobic bacteria, (30) 1058
Bullet wounds, mutual mobility between skin and deeper structures and its relation to, (28) 543
Bullous disease, evidence of existence of autotoxic factor in production of, (4) 1514—ab
Burnside Lying-in Hospital, directions for nurse and home physician, (55) 1329
Burns and skin grafting, treatment of, (57) 236—ab
treatment of, (59) 236—ab
Business problems of general practitioner, (53) 1417—ab
Butter coloring, dermatitis from, *2012
Buttermilk, alkalized, in infant feeding, (56) 1062
studies in regard to, in infant feeding, (67) 1063
that will keep, (66) 1063

C

Cactus products, *1694
Cadaver, bacteriologic examination of blood in, (86) 1774
Caisson-disease, (23) 1231
frictional electricity; a factor in, (15) 209
Calcaneus, fracture of, (76) 545
Calcareous degeneration, studies on, (64) 209—ab
Calcium iodid, value of, in treatment of ulcers, (7) 542—ab
Calculi, diagnosis of renal and ureteral (29) 1854
in lungs, (65) 242
phosphatic, following suprapubic prostatectomy, (41) 1138—ab
urinary, in Egypt, (74) 205—ab
x-ray shadows of cystic and xanthic oxid, (9) 542
Calculus, chewing gum nucleus of vesical, (59) 209
of ureter removed by suprapubic cystotomy, (4) 542—ab
Calthos, *1884
Calx sulphurata U. S. P., as preventive of yellow fever, (54) 806
Cammidge reaction, (10) 210—ab
Camphor poisoning, case of, (100) 970
Camp, sanitation of, a much needed and easily effected reform in, (121) 230
Cancer (see also carcinoma), (4) 200—ab, (30) 1788, (64) 1966
abdominal hysterectomies for, (61) 77—ab
and water, (112) 462—ab
blastomycetes, soluble products in etiology of, (75) 208
causes of, (23) 724
cells, idioplastic transformation of, (106) 1519
conjugal, (13) 488
curability of, in general and of cancer of tongue in particular, (49) 2041—ab
cure of, by anesthetization, (89) 1264—ab
detection of incipient, (107) 468—ab
dread of, (115) 468—ab
en cuirasse, (19) 311
errors in treatment of cutaneous, (8) 1514—ab
etiology of (3) 2120—ab
in Stuttgart, (110) 468—ab
inter-relationship of, tubercle and venereal diseases and other social calamities, (28) 2041
its cause and spread, (91) 722
lesions predisposing to, *15
medical treatment of, *1538
metastasis in central nervous system, (104) 1519—ab
methylene blue in treatment of inoperable, (90) 1259, *1545
methylthionen hydrochlorid in inoperable, *1545
nature of and cancer cachexia, (39) 2125—ab
of bladder in bilharzia affections, (90) 315—ab
of breast, early diagnosis of, (64) 72
of breast, necessity for early, radical operation, (58) 1057
of breast, treatment of, (48) 806
of cervix, choice of operation, (70) 1307, *1626
of colon, (37) 987—ab
of esophagus communicating with right bronchus with complete absence of usual symptoms, (15) 311—ab
of gall bladder and ducts, (118) 209
of head and neck, plan of excision in, (71) 1307, *1786
of head and neck, technic and results in excision of, (32) 1136—ab
of larynx, (80) 540
of larynx, treatment of, by pancreatic extract (trypsin), (2) 1565—ab
of lip and tongue, early diagnosis of, (67) 72
of lips and tongue, plea for more radical operations in, *968
of liver, histogenesis of primary, (102) 315
of prostate, four cases of, (94) 315—ab
of rectum, (9) 987, (44) 901—ab, (51) 2176—ab
of rectum, axioms in treatment of, (2) 1327—ab
of rectum, remote results of radical operation of, (70) 205—ab
of rectum, treatment of, (7) 718
of sacrum, (87) 1862
of sigmoid and rectum, (28) 987—ab
of stomach, (113) 216—ab, (69) 902—ab, (48) 2041—ab
of stomach, early diagnosis of, (66) 73, (100) 944—ab, (10) 1331—ab
Cancer of stomach, negative verdict on Solomon's test for, (37) 2176
of stomach, pylorogastrectomy for, (41) 201—ab
of stomach, trauma and, (77) 209—ab
of stomach, treatment of, (7) 209—ab
of uterus, (69) 1597
of uterus, contest with, (44) 1329
of uterus, early diagnosis of, (66) 73
of uterus, symptoms of, *1895, *1897
of vagina and uterus, resistance of red blood corpuscles in, (97) 315
on dogs from human material, (114) 468
on mice, (109) 468—ab
operations, to enhance resisting powers of peritoneum in, (91) 1141—ab
operative treatment of, of large intestine, causing dangerous intestinal obstruction, (55) 209
origin of, (96) 315, (117) 468
parasitic, negative verdict on O. Schmidt's, (31) 2177
pathogenesis and therapeutics of, (3) 1414—ab
poisons of, (42) 2125
possibility of development of, in cervical stump following supravaginal hysterectomy, (11) 468—ab
precipitins, (110) 1329—ab
prevention of, regarded as practical problem ripe for solution, (33) 1329—ab
prostatic, pathology of, (93) 972
radical operation in uterine, *1978
relations between, and tuberculosis, (92) 1434—ab
research, (44) 312, (49) 1329
research, brief résumé of world's recent, (3) 794—ab
research, opening of institute for, (79) 1962
research, present status of, (39) 643
research, reply to Bashford's experiments (24) 543
retention of sphincter in removal of rectal, (98) 1033—ab
Roentgenization in treatment of, *1540
spirochetes in, and in syphilis, (67) 1601—ab
spontaneous cure of, (94) 132—ab
statistical study of deaths from in Philadelphia with reference to cancer of uterus (3) 2120
therapy of, (100) 315, (83) 909
transformation of, into connective tissue under influence of cancrein, (39) 1961
trypsin in treatment of, (25) 646—ab, (1) 2119—ab
two cases of, treated with trypsin injections and hetol pancreatitis locally, (80) 806
uterine, (63) 1602—ab
vaginal extirpation of, (25) 240—ab
Cancers, Schuller's bodies in, (107) 1519
Cap and gown in Molière, *1527
Caput succedaneum, (58) 2045
Carbohydrates in amniotic fluid in diabetes, (97) 1774—ab
utilization of, with reference to problems of infant feeding, (77) 227
Carbolic-acid, concentrated, in treatment of external affections (9) 2177—ab
danger of weak solutions of, when used in surgical dressings, plea for restricting their sale, (18) 1138
instillation of, into eye from medicine dropper through mistake, (14) 1055—ab
arthritis, in treatment of paralytic dislocation of hip with, (64) 1141—ab
Carbon bisulphid in croupous pneumonia, (109) 1822
dioxid gas retention as a frequent factor of disease, (3) 806—ab
Carbuncle, Bier's vacuum hyperemia in treatment of, (82) 1329—ab
Carcinoma (see also cancer) (134) 841
behavior of spleen in case of, (71) 1423
cells, growth of, within muscle fibers in carcinomatous metastases to voluntary muscle, (122) 610
cervicis uteri, study of parametrium in twenty-seven cases of, and its clinical significance, (22) 1518—ab
cutis with notes of two cases, (19) 311
in early life, (29) 152—ab
influence exerted on virulence of, in mice by collecting tumor materials to incubation previous to inoculation, (69) 902—ab
multiple, (126) 1908

Carcinoma of cervix, lymph glands in, (83) 973—ab
of nervous system, (76) 897
of pancreas, (115) 2130
of stomach, (8) 538—ab, (30) 1965
of stomach and bowels, microscopic structure of, (105) 1519
of upper end of esophagus with perforation into trachea, (35) 200—ab
of uterus, (84) 2128
of uterus, at Breslau, (91) 215—ab
of uterus, lymph glands in, (84) 1255
of uterus, primary, (34) 1767
operative treatment of, of rectum, (45) 2121
primary, of liver, (103) 1507
primary, of peritoneum, (113) 468
problem in etiology of esophageal, (72) 1597
pseudo parasites in, (95) 315
surgery of, of upper portion of rectum and of sigmoid colon, (34) 967—ab
total laryngectomy for, (48) 809-ab
treatment of mediastinal, with Röntgen rays, (71) 154—ab
two rare cases of, (101) 315
ventriculi, spirochetes in stomach contents in, (57) 213
ventriculi, with rare and unexpected findings, (67) 809—ab
Carcinomata, bilateral metastatic, (61) 1603—ab
Cardiac compensation, failure in (114) 2130—ab
diseases, graphic methods in study of, (25) 1415—ab
inadequacy, (35) 1956
Cardiospasm, (50) 1417
Cardiovascular disease, treatment of, (110) 2039
system from insurance standpoint, (116) 826
Carotid gland, tumors of, *469, *566, (37) 1929—ab
Carpal-scaphoid, fracture of, (23) 358
Carunculæ sublingualis, disease of, (83) 1517
Caseous matter, observations on effect of sterile, in treatment of tuberculous disease, (4) 970—ab
Casts, renal, and their clinical significance, (125) 74
Cataract, after-treatment of, (58) 153
black, (57) 1967—ab
cumulation and treatment of, (103) 1230
etiology of lamellar, (54) 153
expression (Smith's operation), (33) 1139
extraction, irrigation in, (18) 723
extraction of, in capsule versus ordinary or capsule laceration method, (32, 34) 1139, (35) 1515
extraction of, visual results after, (70) 1137
extraction with preliminary capsulotomy, (62) 1967
extractions of, some minor details frequently neglected in, (73) 1137
forms of hereditary, (39) 1513
in capsule, (32) 1515
knife-needle operation for secondary cornular, (52) 153
simple extraction of senile, by Teale's method, (35) 2041—ab
study of 8,436 cases of senile, (14) 1705—ab
Catarrh, affections characterized by gastroenteric, (28) 719
Caterpillar rash, (13) 723
Catgut from healthy cattle, (36) 2045
iodized, (118) 1139
star winding wheel for, (101) 902
sterile, ready to use, (27) 642—ab
sterilization, comparative tests of, (104) 1142
Cauda equina, syndrome of, (94) 1862
Caustic potash, treatment of epithelioma by, (18) 720—ab
Cauterization, successes and failures with steam, (85) 2128—ab
Cautery, tip for an improved, *256
Cavities, elimination of, in operative wounds, (54) 1862
Cecum, ileocecal valve and appendix, tuberculosis of, (9) 201—ab
recurrence after inflammation of, (77) 1428
region, chronic inflammation of, (98) 467
Cellotomy incision, anterior vaginal, (106) 808, (68) 1861
Cellulitis, anaerobic, or infectious emphysema, (50) 1929
Celluloid cylinders instead of napkin rings, (73) 242
plates to close defects in skull, (74) 545—ab
Central America, commercial relations with, with reference to yellow fever, (28) 209
Cephalhematom, intracranial, (20) 1504
Cephalocele, two cases of frontonasal, (25) 1961
Cerebellum, functions of, and symptoms of its disease, (9) 1225—ab
hemorrhage from, (42) 1516
traumatic hemorrhage into left lateral lobe of, operation, recovery, (35) 967
Cerebral affections, diagnosis and prognosis of acute, (8) 816—ab
decompression, *879, *744, *849, *923
localization and study of psychiatry, (3) 1419—ab
Cerebrospinal drainage, theory and technic of, (25) 1667
fever, case of, (5) 1853—ab
fever, epidemic, (13) 1139—ab
fluid, coagulability of in lesion of cauda equina, (70) 644
meningitis, (88, 87) 200, (14) 1220, (38) 1516, (129) 1091
meningitis, acute pneumococcic, of nasal origin, (30) 1513
meningitis, clinical and pathologic aspects of fulminating case of epidemic, of convulsive comatose type, (25) 1420
meningitis, differential diagnosis of epidemic and tuberculous, (119) 1965
meningitis, epidemic, (9) 210—ab, (80) 1424, (21) 1693—ab, (30) 1990—ab
meningitis, epidemic, and infection in mines, (63) 1233—ab
meningitis, epidemic, in Birmingham, Ala., during past year, (16) 1785
meningitis, epidemic, study of its etiology, diagnosis and epidemiology, based chiefly on cases occurring in Worcester, Mass., (15) 1594
meningitis, etiology and epidemiology of, (80) 1990
meningitis, experimental, and serum treatment, *560, (12) 1685
meningitis, Flexner's work on experimental and its serum treatment, (25) 1783
meningitis, inflammation of extradural tissue of spinal cord in epidemic, (48) 901—ab
meningitis, serum treatment of, (61) 242—ab
meningitis, sporadic, (91) 545
meningitis, value of tartar emetic in treatment of traumatic tetanus and, (126) 1139
Cerebrum, functions of association areas, *1464
gumma of, subcortical, accurately localized in comatose state, death, autopsy, (57) 73
remarks on surgical aspects of operable tumors of, (111) 970—ab
removal of portion of endothelioma which had invaded the overlying cranial bone, (10) 722
tumor of, giving rise to Jacksonian epilepsy and at later stage coma, (22) 1509—ab
tumor of, operation; recovery, (19) 155
tumor of, simulating vascular lesion, (37) 808
Certificate, higher medical in France, (43) 812
Cervical ribs, diagnosis of(82) 1895—ab
Cervix, artificial dilatation of, (28) 1225—ab
artificial dilatation of, and os uteri—indications and methods, (84) 2125
cancer of, choice of operation, (70) 1597
excision of V-shaped piece of posterior uterine wall for antideviation of, with aid of intrauterine holder, (31) 1058—ab
lacerations of, (28) 2121—ab
lymph glands in carcinoma of, (83) 973—ab
manual and instrumental dilatation of pregnant and parturient, *1534
manual dilatation of, of gravid uterus, (34) 859—ab
new operation for anteflexion of, (21) 235—ab
tuberculosis of, (32) 203—ab
Cesarean operation, (52) 840
operations, four, and labor complicated by fibroma in which hysterectomy was performed on sixth day of puerperium, (19) 895—ab
Cesarean-section, births after vaginal, and vaginæ fixation, (30) 1225—ab
case of, (118) 970
deep incisions and vaginal, should be banished from obstetric practice, (59) 1224—ab
Cesarean-section for placenta previa centralis, (116) 1139
forty-one cases of, with modifications of technic, (60) 640
in country practice, (94) 1603—ab, (52) 2121
indications for, other than pelvic deformities or tumors, (8) 1856—ab
necessitated by obstruction of pelvis by non-pregnant half of bicornate uterus, (30) 1228
performed by cow, *1192
remarks on, (3) 1505—ab
Schauta's experience with, (31) 973—ab, (32) 2121
treatment of placenta previa by, (124) 898, (47) 1229—ab, (60) 2122—ab
twin pregnancy, multiple, fibroids, hysterectomy, (58) 721
vaginal, (32) 539—ab
vaginal in retroflexed gravid uteri with incarceration, (60) 1142
vaginal, in treatment of puerperal convulsions, (46) 1856
Cesarean sections, review of fourteen, successfully performed, (41) 809
Chalybeate waters, action of, on metabolism, (75) 1003
Chanca, a forgotten worthy, Dr. Diego Alvarez, of Seville, Spain, *1013
Chancre, case of intranasal, simulating nasal diphtheria, (16) 155
certain bodies present in, in condyloma and in blood during secondary syphilis, (19) 1230—ab
multiple, five initial lesions on penis, (13) 2129
Chancres, dwarf, on lip and tongue, (43) 1771
multiple, (47) 896
Chart, an observation, (14) 718
Chauffeur, injury, typical, (100) 1597
Chemistry, application of physical, to serum pathology, (126) 1351
Chest examination, nurse's, of, of interest to life insurance examiners, (73) 1230
possible danger in exploratory puncture of, (30) 971
Chewing gum nucleus of vesical calculus, (59) 809
Cheyne-Stokes respiration, blood pressure changes in, (45) 1967
respiration, clinical and experimental observations on, (33) 1855—ab
Chicago Medical Society, present status of proposed business bureau of, (49) 461
violent deaths in, (69) 1229
Childbirth, treatment of, (39) 467—ab
Child and public school curriculum, (16) 927
constitution of, what is meant by knowing, (126) 1857
nervous system of, in relation to its development, (103) 898
position of atypical, (79) 890
plea for study of deaf, and teaching of speech to semi-deaf and semi-mute, (30) 2125
training of mentally and morally defective, (62) 1897—ab
Childbirth, after phlebotomy, (82) 1142—ab
Childhood, acute contagious diseases of, duration of danger of contagion and methods of disinfection, (43) 1138
sources of infection and manner of contagion of acute contagious disease of, (44) 1138
Children, acute non-suppurative encephalitis in, *1184
deformities of trunk in, (11) 305
disease of, clinical pictures of, (34) 1961
heredity and environment as factors in life and diseases of, *780
inspection of public school, (19) 807
latent tuberculosis in, *1189
nervous, (32) 1115, (40) 1873
pleuritic exudates in, *1788
principles of treatment in diseases of, (7) 305
prophylaxis and treatment of summer diarrhœa of, (21) 895
pulmonary tuberculosis in, (5) 641
spastic paralysis of, (66) 242
training of mentally defective, (139) 728
China, prospects of western medicine in, (36) 1050—ab
Chinatown, three years' practice in, New York, (116) 209
Chlorids, simple test for, in urine, (30) 894—ab
Chloroform, action of on blood, (110) 215
and air, mixed anesthesia, (92) 76
Chloroform, committee, report of special, of British Medical Association, (10) 462
evaporation of, during inhalation, (5) 722
in blood, (32) 1695—ab
inhaler, modification of, *255
poisoning, acute atrophy of liver from, *1191
poisoning, delayed, (23) 2040—ab
quantity versus cardiac quality, (40) 2039
treatment by, of whooping cough, (42) 1139
subhidrosis after, (116) 547—ab
Chloroma of skull, (75) 1003
Chlorosis, treatment of, (47) 725—ab, (95) 1053
Cholecystectomy, (50) 1223
for gallstones, (55) 1224
its indications and technic, (22) 151
two cases of, (34) 235
Cholecystitis, phlegmonous, (17) 1322—ab
surgical aspect of, (19) 71
typhoid, (34) 211—ab
Cholecystostomy, an improved technic, (12) 1138—ab
Cholelithiasis, (7) 806—ab
stasis gastrica in relation to, (119) 74, (57) 1228—ab
etiology of, (10) 2026—ab
fistula between gall bladder and bronchus, (38) 1235
hematemesis in, (37) 1961
prognosis and therapy of, (115) 1053
relations of pancreatitis to, (59) 540
treatment of, (36) 467
Cholera and typhus endotoxins, (60) 720
antitoxic serum in, (58) 971
differentiation of true, (76) 242
preventive station, (30) 2177
quinin treatment of, *1262
success with sodium bicarbonate in, (49) 1140—ab
toxin, protective action of liver in regard to, (113) 1519
Cholesterin, formation of, in gallbladder, (66) 1861
Cholin, influence of injections of, on embryo, (92) 1691—ab
Chondritis and perichondritis, etiology, diagnosis and treatment of auricular, (85) 1052
Chondrodystrophic dwarf, defect of both femoral heads in, (71) 2122
Chorioepitheliomcarcoma, histology of, (39) 2045
Chorea, analysis of 302 cases of, with reference to cardiovascular manifestations, *1262
considered as cerebral rheumatism, (7) 239—ab
contribution to pathology of, (19) 1502—ab
gravidarum, (19) 81, (128) 976—ab
hereditary, (1) 1852—ab
unilateral paralytic, (59) 1854
treatment of, (81) 1230
Chorioepithelial cell invasion, benign, in wall of uterus and tubes, (85) 1236
Chorioepithelioma malignum, case of, (60) 2039, (87) 2128
Choroid and orbit, cases of melanosarcoma of, (70) 970
Choroidoretinal sclerosis, case of, with spontaneous dislocation of lenses, complete and incomplete, (31) 1052
Choroidoretinitis of obscure etiology, (28) 812
Chylous effusions, pseudo, (37) 902
Circulation, collateral, following ligation of femoral artery, (42) 720—ab
factors in surgical physiology of, (94) 1138
physiopathology of lymph and blood, (109) 1862—ab
recent contributions to physiology of, *1343
story of discovery of, (116) 722
viewed from periphery, (1) 970—ab, (123) 1351—ab
Circumcision, its importance in treatment and prevention of certain reflex nervous phenomena, (115) 209
Circumspection, professional, (45) 989
Cirrhosis, surgical treatment of hepatic, with reference to biliary drainage, (57) 1228
Citrate of soda in infant feeding, (77) 230
Clamp pincers for suturing, (67) 468-ab
to remove small foreign bodies in leg or arm, (125) 1289
Claudication, intermittent, (56) 2042
intermittent, due to angiosclerosis of extremities, (49) 2038—ab

Claudication, spinal intermittent, (41) 1661—ab
Clavicle, dislocation of outer end of, *19
dorsal flexation of arm in fracture of, (72) 1817
fracture of, (111) 1139
Clavicles, improved method of putting up fractured, (4) 1686—ab
Climate, error of, in treatment of tuberculosis, (115) 1331
maxims for selection of, in pulmonary, laryngeal and bone tuberculosis, (12) 450—ab
mountain, (52) 393
of Fort Grant, Graham County, Arizona, (85) 1769
of Prescott, Arizona, (92) 1769
resorts, observations on some, of Europe, (92) 1597
winter, of Tucson, Arizona, (9) 1135—ab
Climatic extremes, effects of, on health of battleship personnel, (50) 1513
Climatology, address on, (11) 895
Clinic, notes from Nothnagel's, (109) 74, (75) 290
Clinics, peep into foreign surgical, (94) 1857
Clothing, hygiene of women's, (22) 2177
Club-foot, treatment of congenital, (14) 1960—ab
with reference to postoperative treatment, (99) 306—ab
Coal gas, poisoning by, (55) 640
Cocain, idiosyncrasy to use of, in eye, *1405
use of, in surgery, (79) 237
Coccacea, statistical study of generic characters in, (27) 1227
Coccidia, change of name in, (104) 1665
Cocillana as expectorant in pulmonary tuberculosis, (114) 134
Cocoa, fat in, (69) 844
Code, revision of civil, (22) 155
Coeducation, advantages or disadvantages of, (68, 69) 1307—ab
Coffee and cocoa, action of, on secretion of gastric juice, (85) 1142—ab
Coitus interruptus and coitus reservatus as causes of profound neurosis and psychoses, (110) 2124
Cold and heat, apparatus for local application of dry, (17) 71
Colic, artificial renal, as valuable means of diagnosis, (36) 1056—ab
gall-bladder, (46) 2125—ab
Colics mucous, some clinical features of, (19) 1859—ab
Colitis, clinical features of types of, (3) 74
pathogenesis of experimental, and relation of colitis in animals and man, (65) 989—ab
relation of ulcerative, to dysentery, (6) 462
surgical aspects of, (20) 811—ab
surgical treatment of chronic, (12) 1960—ab
typhoid nodular, (123) 810
Colloids, influence of, on diffusion of hemolysins, (68) 989
presence of, in drinking water, (30) 900
Colobomi oculi, cases of associated, and arteria hyaloidea persistens, (77) 1305
Colon, cancer of, (37) 967—ab
neoplasms of, *925
submucous lipoma of, (117) 1519
surgery of tuberculosis of, (38) 967—ab
Color conversion, new phenomenon of, *1175
Colpohysterotomy, anterior, (129) 976—ab
Columbus, Realdus, of Cremona, (18) 1594
Complement test, bacteriologic diagnosis in, (71) 1902
Complements, deviation of, in precipitation, (40) 312
hemolytic, action of agglutination and precipitation on, (78) 314
Compilation powder, *1269
Condition that precedes disease, (42½) 464—ab
Congenital syphilis, cerebrospinal fluid in, (68) 1063—ab
Congestion, passive in treatment of affections in diabetes, (68) 1335—ab
passive, in treatment of gonorrheal joint affections, (117) 548—ab
Congress, international, of tuberculosis, Paris, 1905, (99) 1507, (105) 2029
Lisbon and its medical, (32) 890
Congress of surgery, report of XXXV German, (76) 1141
Conjunctiva, diphtheria of, in far south, (56) 226
diseases of, silver preparations in, (98) 970
epithelioma of, of unusual size, (68) 462
pathogenic bacteria of, *220
treatment of affections of, (87) 1690
Conjunctivitis, (116) 74, (131) 309
Parinaud's, accompanied by erythema nodosum and tonsillitis, (96) 133
phlyctenular, (18) 1966
Conservatism, present status of, in surgical treatment of tubes and ovaries, *1454
Constipation, (66) 721
air dilatation in treatment of chronic, (6) 635—ab
causes and varieties of chronic, (18) 2176
chronic, (89) 227
dietary treatment of chronic, (20) 2176—ab
habitual, from standpoint of modern evolution of dietetics, is a physiological phenomenon, (4) 894—ab
management of, in infancy, (61) 227—ab
medical treatment of chronic, (19) 2176—ab
rational treatment of chronic, (11) 1662—ab
treatment of chronic, (112) 154, (52) 644—ab, (88, 89, 90, 91, 92, 93) 810
treatment of chronic, of children, (97) 640
Consumption (see tuberculosis).
Consumptive, cleanly, (101) 154
Consumptives, statistics in regard to, (113) 1144
statistics of diet in sanatoria for, (37) 1505
Contagion and infection, confusion between terms, or mosquito craze, (28) 1207
Contract and club practice, (48) 461, (103) 1419
Contracture, ischemic, of limbs, (58) 1042
Contures and muscular atrophy, (5) 1620—ab
cure of, by spinal anesthesia, (65) 394
Convergence, study of, and its effects, *970
Convulsions, general, in early infancy induced by taking of food, (5) 74
hemoptysis as sequela of epileptic, (90) 227
in children and their relation to epilepsy, (18) 1220
several thousand, in four-weeks'-old infant, (78) 1138
vaginal Cesarean section in puerperal, (46) 1506—ab
Copper foil, efficiency of, in destroying certain bacteria in water, (27) 450
Cornea and conjunctiva, foreign bodies in, (129) 841
anomalies of, (8) 2176
congenital pigmentation of, (82) 1656
conical, (121) 1857
gummata of, (85) 1825
treatment of opacity of, by physical agents, (24) 812—ab
ulcerations of, principles of treatment of, (16) 309
Coroner's cases, facts from, (14) 1965
Corpora lutea, cysts of, (67) 972
Corpuscles, nucleated red, (55) 901
stain index of red, (80) 309—ab
structure of red, (129) 547
Cortex, cerebral, in tuberculosis, (40) 205—ab
Costal arch, osteoplastic resection of, in order to reach vault of diaphragm, *1089
Cotton mill operatives, health and mortality of, of Blackburn, England, (3) 639
Cough, causes of irritative, (47) 389
extrapulmonary causes of, in consequence of pathologic changes in upper respiratory tract, and disturbances in function thereof, (88) 897
treatment of, in pulmonary tuberculosis, (100) 227, (40) 1229
Courts in Sonoratown, (94) 1597
Coxitis, end results of conservative treatment of tuberculous, (80) 515—ab
simplest mechanical method of treating and its results (65) 2122
Cremothrix polyspora in drinking water, (104) 1691
Creosote in tuberculosis, (61) 968
Cretinism, case of, with spontaneous improvement, *205
endemic, relations with other disturbances in development, (78) 2129
Cricothyreoideus, paralysis of musculus, (89) 903
Crime, cyestrain and, (47) 1506
syphilis in relation to, (47) 721
Criminals, recent phases in connection with Vermont observation law for insane, (101) 970
Culicidæ, new genus and species of, (103) 1665
Culture medium, improved, for typhoid baciili, (72) 1861
Cultures, experience with blood, in study of bacterial infections, (30) 640
Cupidene, *1624
Curette for removal of gauze grown in or held by tissues, (81) 1289
Currents, high frequency oscillating and high periodicity pulsating, in medicine, (10) 287
pernicious effects of alternating of high voltage, (43) 698
Curriculum, medical, (99) 970
Curschmann's spirals in bronchial asthma, (25) 157—ab
Cyanosis, case of, with polycythemia, (15) 245
microbic, (13) 483—ab
Cyclocephalus, case of, in Guam, (28) 1055
Cycloplegia, artificial, in errors of refraction, (17) 1662
Cyst, case of maxillary or dental, hydrops antri highmori, (77) 540
echinococcus, of liver, (22) 388—ab
formation in kidneys and afferent urinary passages, (97) 1984
removal of intraligamentary, and bilateral cophorectomy during early pregnancy without interrupting gestation, (4) 1506—ab
suppurating sub-urethral, (100) 1857
Cysticercus cellulosæ of tongue with note on helminthology of a Madras jail, (28) 1207
Cystinuria and alkaptonuria, (1) 2176—ab
Cystitis, caseous, (100, 101) 2129—ab
cystic, genesis of, (118) 2130
treatment of, (105) 1220
urethral bacteria as factor in etiology of, in women, (23) 1513—ab
Cystocele, (25) 1512
and uterine prolapse, treatment of cases of extensive, (25) 152—ab
cure of, (87) 2122
operative treatment of, in past one hundred years, (98) 2133
Cystoma of ovary, (98) 2133
Cystomata, when ovarian should be removed without puncturing or opening, (89) 903
Cystoscope and urethral catheter, diagnostic value of, (70) 1419—ab, (5) 1955
importance of, in diagnosis and treatment of diseases of urinary organs, (15) 638
intravesical operations with aid of, (60) 721
Cystoscopic instruments, evolution of modern, and methods, (24) 1515—ab
Cystoscopy, reflex inhibition of kidney secretions during, (60) 1861
Cystotomy, after treatment of cases of suprapubic, (32) 139
in female, (99) 1052
large calculus of ureter removed by suprapubic, (4) 542—ab
suprapubic, as preliminary to, and as route for performance of number of prostatectomies, (102) 350, (53) 1137—ab
Cysts, bone, (92) 1138
four cases of epithelial, (113) 1603
in mesentery, (114) 1144—ab
large, of suprarenal glands, (53) 2042—ab
of corpora lutea, (67) 972
of lower jaw, (114) 2046—ab
of urachus, (27) 1662—ab
ovarian, situated above superior pelvic strait, complicated by pregnancy, (50) 1226—ab
retroperitoneal, *2079
Cytodiagnosis of organic psychoses, (95) 309
of pleuritic and pericardial fluids of all sorts, (51) 1666
Cytology of effusions and exudates, (39) 242—ab

D

Dacryocystitis, treatment of acute suppurative, (58) 1967
Deafness, chronic catarrhal, *1866
dysthyroid, (84) 2044—ab
Deafness, diagnosis of obstructive and nerve, and classification of each, (12½) 806
electrolysis in treatment of, due to stricture of Eustachian tubes, (15) 895—ab
new and efficient procedure in treatment of catarrhal, (31) 227
treatment of Eustachian, (29) 900
Death, case of sudden, possibly due to vagus inhibition, (6) 856
cause of sudden, following injection of horse serum, (57) 1229
from bromo-seltzer, *2158
from rattlesnake bite, *2012
from suppurating tonsil, (16) 305—ab
frontiers of, in surgery and question of operation in extremities, (22) 311
in diphtheria, (61) 814—ab
rates, correction of, (8) 970
Deaths, medicolegal features of, from bleeding, (124) 1520—ab
postoperative, with no apparent lesion, (109) 2039
statistical study of in Philadelphia with reference to cancer of uterus, (23) 2129
violent, in Chicago, (60) 1229
Decidua basalis, changes in, after manual removal of placenta, (38) 240
cells, plasma and, (92) 1602
study of development of extrauterine, (45) 1228
Decidual tissue, diagnostic significance of, (19) 450—ab
Defectives, mental, their treatment and training, (95) 1959
Deformities of trunk in children, (11) 1662
primary muscle angioma cause of, (67) 2043
tendon transplantation and grafting for paralytic, (7) 887—ab
Degeneracy and social disease, (76) 810
Delirium and death during convalescence from fever, (62) 903—ab
Delivery, artificial, (67) 1861—ab
with pelvic presentation, (88) 78
Dementia, motor degenerative sequence in, *1328
paralytica, etiology of, (3) 1419—ab
paralytica, examination of spinal fluid in, (3) 150—ab
præcox, (68) 1330, (5) 1419
spontaneous rupture of heart in case of senile, (16) 538—ab
Dendrites and disease, (11) 462
Dengue and yellow fever, (58) 1507
fever, clinical study of recent epidemic of, (12) 538—ab
in Syria, (45) 542—ab
study of blood in, with reference to differential count of leucocytes in diagnosis, (40) 1229
Dentition, reflexes of, *25
Dermacentor occidentalis, further observations on Rocky-Mountain spotted fever and, *1067
Dermatitis, causative factor in production of, of ground itch (uncinariasis), *1693
from butter coloring, *2012
infectiosa, gangrenosa, (28) 1767—ab
vegetans, case of, (9) 1514
Dermatologic review, (79) 1229
Dermatology as field for original research, (61) 1229
past of in Edinburgh, (1) 2124
place of, in medical curriculum, (2) 1514
Dermatoses and dry climate, (62) 1418
nutrition in various, (36) 1771—ab
unsuspected parasitic origin of many, (35) 1513
Dermoid of pelvic connective tissue, (39) 1228
rare forms of ovarian, (90) 314
Descensus ovariorum, (57) 1856—ab
carbohydrates in amniotic fluid in, (97) 1774—ab
Desmoid reaction, (109) 975—ab, (37) 1420
Detroit, tuberculosis in, (78) 1058
Deviation, conjugate lateral, *490
Diabetes, (51) 1513
and adiposis potatoes as food in, (58) 725
and Bright's disease in relation to suppurative osteomyelitis of mastoid, (74) 540
insipidus and diabetes mellitus, relation between, (84) 74
insipidus, treatment of, with strychnin, (99) 546—ab, (47) 1233—ab
Langerhan's islands and, (43) 1234—ab

Diabetes, lean, as sequel to mumps, (38) 1139
mellitus, case of, (53) 1513
mellitus, dietetic treatment of, (57) 543, *2143
mellitus, epileptiform convulsions in, (130) 1691
mellitus, etiology and therapeutic possibilities, (81) 300
mellitus, etiology of, (30) 290
mellitus in an infant, (98) 541
mellitus, management of, (85) 74
mellitus, rational treatment of, (11) 1054—ab, (32) 1513
prophylaxis of, and clinical determination of glycolytic functions, (102) 1959
surgical complications of, (51) 290
treatment of more common secondary symptoms of, (89) 541
treatment of, with secretin, (48) 1639
Diabetic management of the, (50) 1513
Diabetics, alcohol in nourishment of, (88) 1882
operating on, (86) 2128—ab
passive congestion in treatment of affections in, (68) 1335—ab
Diagnosis and therapy, plea for higher ideals in medical, (82) 209
eye symptoms in medical, (67) 74
laboratory, for practitioner, (97) 74
possibilities and limitations of laboratory, (48) 1506—ab
surgical, in emergency work, (3) 809
Diagnostic foibles, (110) 1239
Diaphragm, diagnosis and surgical treatment of injuries of (96) 2124—ab
hernia of, (116) 1144—ab
injuries to, (99) 806
innervation of, (71) 1773—ab
osteoplastic resection of costal arch in order to reach vault of, *1089
paralysis of, (109) 1775—ab
participation of, in Erb's paralysis, (55) 204
two stab wounds of, (95) 1891
Diarrhea, appendicectomy and cecostomy for relief of chronic, (18) 987—ab
balneologic treatment of chronic, (95) 627
in infancy and early life, (133) 810, (129) 1139
prophylaxis and treatment of infantile, in summer, (61, 62, 63, 64) 540, (21) 895
what has been accomplished in treatment of summer, of children, (35) 840
Diarrheas, dietetic treatment of summer, of infants, (85) 540
unrecognized etiologic factor in summer, (20) 1055—ab
Didama, Henry Darwin, (62) 1768
Diet and hydrotherapy in treatment of rheumatism and gouty conditions, (89) 970
effect of dry, in nephritis, (30) 1238—ab
in albuminuria, *1821
in tuberculosis, (2) 387—ab
liberal, in typhoid, (12) 2035
of childhood, (80) 1539
principles of, in tropical campaigns, (20) 1770
quantitative estimation of, in private practice, *1616
statistics of, in sanatoria for consumptives, (37) 1506
suitable, during second year, (121) 722
Dietary, points on, in disease, (96) 300
Dietetics of obesity, *820
Diets, purin-free, (21) 1815
Digestion, chemistry of gastric, (37) 312
influence of rest, exercise and sleep on gastric, (42) 805—ab
of fats, proteids and carbohydrates in first year, (120) 722
second year disorders of infantile, (122) 722
Digestive organs, diseases of, in pathogenesis of arterial hypertension, (15) 452
organs, Head's zones in affections of, (49) 1421
processes, Pawlow's research on, (94) 903
tract, foreign bodies in, (84) 214—ab
tract, frequency of tuberculous infection by way of digestive tract, (47) 972—ab, (102) 974
tract, primary pneumococcus infection of, (72) 160—ab
tract, primary tuberculosis of, (50) 813—ab
Digitalis and barium chlorid, (11) 71—ab
pharmacology of, *2059
therapy, intravenous, with strophanthin in, (23) 2177
use of, (94) 467
Dilator, new hydrodynamic bag, cervical, (53) 1856—ab
Dionin in diseases of eye, (71) 402, (105) 1567, (60) 1957
Diphtheria, (82) 1424
and action of bacillus diphtheriæ as compared with other bacteria, (69) 73
antitoxin, duration of immunization after injection of, (55) 1900—ab
antitoxin in, (94) 541, (72) 1063, (80) 1126
antitoxin in treatment of exophthalmic goiter, *1486
arrest of, epidemic with antitoxin, (82) 150—ab
bacilli, new simple method for staining polar bodies of, (31) 1769
death in, (61) 814—ab
etiology and prevention of chronic, (100) 1238
history and prevalence of, in British army, (43) 1509
injection of antitoxin in, by intravenous method, (20) 1515
laryngeal, in an infant, (27) 724
membrane and complications of, (16) 1853
of conjunctiva, in far south, (55) 299
outbreak, history of (complicated with Vincent's angina), at Lambeth parochial schools, West Norwood, May to July, 1905, (11) 1058
present treatment of, by medical profession, (9) 1594—ab
recent investigation and complications of, (101) 1138
toxins in blood in, (119) 1604—ab
transmission of, by third persons, (77) 466
Diplobacillus of Morax—Axenfeld, *255
Diplococcus intracellularis meningitidis, relation of, to gonococcus, (66) 1234
Dipsomania, (6) 1135—ab
morbid predisposing causes in, (70) 209
Dipterous larvæ, case in which large quantities of, were passed per anum, (9) 462
Disease, adaptation of means in prevention of, (45) 1668
additional experience in treatment of pelvic, associated with psychoses, (95) 237
in aged, (61) 1885—ab
incidence of, in 1,000 cases among children, (33) 640
nature and progress of malignant, (12) 151—ab
prevention in children of disease in adults, (73) 160—ab
prevention of, in army, and best method of accomplishing that result, (128) 238
scientific consideration of modern treatment of, (9) 1662
Diseases and hospitals of Africa, *141, *225, *297, *531, *611, *709, *960, *1068, *1150
family, (32, 37) 2041
induced, (75) 2128—ab
influence of domestication on origin of, (30) 642—ab
influence of, on economy of energy during repose, (79) 1902
latent, (32) 2041
met in South Sylhet, India, (17) 76
ocular symptoms in general, (96) 74
precise definitions for many, (4) 150
prevention of venereal, (78) 227
relation of systemic, to conditions of oral cavity, *234
resolutions in regard to communicable, especially tuberculosis, (21) 155
Disinfection as measure for reducing morbidity of transmissible diseases, (20) 724
fetich of, *574
hot-water-alcohol, in obstetrics and abdominal surgery, (80) 1424—ab
of physicians' hands, (16) 2130—ab
of rooms by formaldehyd, comparative bactericidal value of various methods, (8) 1512—ab
Disorders, some obscure cases of urinary, (17) 236—ab
Dispensing versus prescribing, *1788
Distomum crassum, (39) 1850
Diuretics, action of, after removal of kidneys, (122) 975—ab
Doctor as expert and pioneer, (49) 1668
country, (76) 1968
of internal medicine, a plea for, (102) 541
Doctors, native, of Burmah, (104) 810
treatment of, (57) 1320
Doses, maximum and minimum, (64) 308
Drainage, (125) 810, (42) 1708—ab
catheters, retention of, (53) 1228
drains and, (58) 968—ab
of pelvic cavity of male (in peritonitis), (31) 1513
puerperal fever treated by uterovaginal, (8) 632—ab
Drains and drainage, (58) 968—ab
Dress reform, (102) 548
Dressing, suprapubic, (21) 1420—ab
Dressings, apparatus for cheap and speedy sterilization of, (119) 1691
Dropper and bottle, aseptic, (88) 1690
Dropsy, chylous, (79) 2044—ab
toxic, (76) 1690—ab
Drug eruptions, histopathology, and fallacies, (12) 2124
theory of, (45) 1956—ab
Drugs, action of vascular hypertension, (100) 2124—ab
action of, on uterus, (13) 2124
administration of, to concurrently retard and stimulate systemic oxidation, (6) 458—ab
combination of, (90) 467
dynamic force of, (62) 227
maximal doses of, not in German Pharmacopœia, (40) 213
relations between physical behavior and action of, (107) 975—ab
testing of, on healthy persons, (117) 975
their use and abuse, (104) 1058
Dual personality, second case of, (64) 2039
Duct, wound of thoracic, ligature; recovery, (2) 154—ab
Ductless glands, internal secretion and, (14) 899
Dullard, education of, in public school, (4004) 238
Duodenal ulcer, surgical treatment of gastric and, and its results, *912
Duodenum, acute perforation of, (15) 1859—ab
further observations on anatomy of, (22) 306—ab
hour-glass, *241
surgical treatment of ulcer of, *338, (18) 1590—ab
Dura, sarcoma in, with calcified metastases in heart, (85) 1892
Dust, passage of mineral, through walls of digestive tract, (37) 1139—ab
problem, (5) 1230—ab
Duty, are we doing our full, by lobby? (75) 1768
physician's to his patient, an address on ethics, (44) 153
Dwellings, reform in construction of, (67) 1668—ab
Dysentery and typhus, case of, complicated by spleen and liver abscess, (60) 242
case of amebic, originating in Montana, (71) 1053
endemic, in insane asylum, (16) 2177
endemic sporadic, (with Shiga's bacillus), in England, (1) 75—ab
in Italy, (119) 2130
observations on epidemiology of, in Japan, (62) 402
relation of ulcerative colitis, (6) 402
simulating rectal cancer, (58) 1140
treatment of catarrhal and gangrenous, (18) 723—ab
treatment of chronic, (61) 1023—ab
Dysmenorrhea, (121) 809, (2) 722—ab
in young girls, (91) 970
treatment of, (122) 806
Dyspepsia, (9) 75
diagnosis of some forms of, (35) 1771
due to gallstones, (30) 1859
is nervous, disease sui generis? (20) 895
surgical aspects of gastric, (97) 300
surgical treatment of obstinate, (93) 1891
Dyspepsias, chronic, resulting from pelvic and abdominal diseases, and their surgical treatment, (105) 2124—ab
Dyspnea, case of marked paroxysmal, occurring in patient with double aortic disease and wherein, after death, were disclosed striking appearances of chronic mediastinitis, (24) 1420
Dystocia from cystic kidney of fetus, (32) 2121—ab

E

Ear, acute suppuration of middle, (125) 154
affections and mental disturbances, (65) 1137, (45) 1436—ab
and nasopharyngeal affections, (87) 467
and nose, acute and chronic suppuration of, direct cause of facial erysipelas, *2052
artificially induced hyperemia in treatment of suppuration of, (116) 1052—ab
purulent, disease operated on, (57) catarrh of, middle, (35) 73
disease, great psychical importance of, (64) 1127—ab
diseases, bacteriology of suppurative, (83) 1058
diseases, examination and treatment of, (43) 2041
epithelioma of, (38) 1856.
nose and throat practice, interesting problems in, (92) 2123
odor as guide in treatment of chronic suppuration of middle, *1733
operative treatment of discharges from, (84) 1229—ab
palpation of, as means of accurate diagnosis in vertex presentations, (37) 151
pathogenic influence of aural lesions in systemic disease, (16) 2040
running and immediate cure of mastoid suppuration, (74) 2123
stopper for, (75) 214—ab
symptomatic importance of hemorrhagic discharge from, (99) 1863
syphilis of, (77) 1768
therapeutic effect of sound waves or mechanotherapeutics of, (14) 205
to what extent is it advisable to adopt conservative methods in treatment of aural diseases? (17) 2040
tuberculosis of middle, and mastoid, *1293
two cases of grave complications of 250
Ears, functional derangement of, and upper air tract in insane, (1) 808—ab
Earth worms, possible importance of, as factor in spread of disease, (18) 641
Earthquake symposium, (79) 74
Eating, should we sleep after, (42) 1859—ab
Echinococcus, alveolar, (82) 242
cysts of liver, (102) 810
scolices, (102) 1883
Eclampsia and hyperemesis, pathologic findings and causation of, (86) 722
at Olshausen's clinic, (79) 1236—ab
case of, ending fatally, (97) 541
fatal case of, after delivery of twins, remarks on etiology and pathology of disease, (117) 1158, (28) 1513
lumbar puncture in, (88) 1142—ab
lumbar puncture in, from neurologists standpoint, (33) 1332—ab
obstetric treatment of, (61) 213—ab
operative methods in puerperal, (65) 1144, (60) 1768, (67) 1856—ab, (10) 1857
pathology, etiology and treatment of puerperal, (4) 527
prophylactic treatment of puerperal, (25) 539—ab
puerperal, (33) 971
puerperal, cured by renal decapsulation, (55) 1234
renal decapsulation and nephrotomy in treatment of serious forms of, (46) 206—ab
three cases of, with recovery without delivery, (30) 2121—ab
treatment of, (92) 1142—ab, (84) 1418, (60) 1768, (67) 1856—ab, (10) 1857
unusual case of hemorrhage in, (23) 2170
value of statistics for question of rapid delivery in, (92) 1053
veratrum viride in, (69) 721—ab
without convulsions, (89) 1517
Economics, physical, *194
Ectopia vesicæ, treatment of, (37) 809
Ectopic gestation, with bilateral suppurative salpingitis and adenomyoma of uterus, (13) 1054
Eczema, (13) 1512—ab
chronic, (149) 74
observations on etiology and treatment of, (11) 1515—ab
ocular, in children, (8) 151—ab
of lips, (101) 1236

V 19

Edema, circumscribed, of skin and mucous membranes, (42) 76
experimental pulmonary, (46) 1334—ab
of larynx, (99) 1330
of pharynx, significance of, (124) 1220
pulmonary, (1) 898—ab
Education, (90) 309
and treatment, value of, as safeguards in venereal infection through marriage, (98) 810
as factor in prevention of criminal abortion and illegitimacy, *1889
college, preparatory to study of medicine, (107) 257—ab
entrance requirements, *587
in sanitation, (79) 309
medical, and medical progress, (1) 718
theory and practice of medical, (19) 1515
universities and medical, (2) 1508
Effusions and exudates, cytology of, (50) 242—ab
differentiation of pleural, from pneumonia, (44) 240—ab
Eisenberg's clinic, (107) 1059
Elbow joint, injuries of, with report of cases, *173
Electricity, experience with static, (59) 462
frictional, factor in cancer disease, (15) 895
in general practice, (58) 308, (56) 640, (50) 1008, (3) 1705—ab
pernicious effects of alternating current of high voltage of, (45) 808
septic, (64) 1767—ab
Electrotherapeutics, high frequency oscillating and high periodicity pulsating currents in medicine, (10) 327
in cardiovascular affections, (90) 1424
plea for conservatism in, with remarks on dangers, (10) 1021
Electrolysis in treatment of deafness due to stricture of eustachian tubes, (15) 895—ab
Electrophysiology of the heart, (20) 398
Elephantiasis, enormous, of both legs surgically treated, (42) 1228—ab
nervorum of scalp, manifestation of von Recklinghausen's disease, (24) 1415—ab
non-parasitic secondary to chronic cardiac disease and repeated edema of pregnancy, (27) 1416—ab
Elixir of life, *1899
Emaciation, treatment of, *558
Embolism and thrombosis of mesenteric vessels, (76) 1423—ab
etiology of, (68) 970
of pulmonary artery in typhoid, (114) 316—ab
of superior mesenteric artery, (92) 2044—ab
postoperative, (46) 539—ab
Emergencies, consideration of serious surgical, (122) 806
in internal medicine—treatment, (46) 153
in obstetrics—treatment, (48) 153
in surgery—treatment, (47) 153, (21) 1332—ab
in urology—treatment, (49) 153
Emergency case, for field service, (57) 308
Emigrants and immigrants, international codperation in inspection of, (13) 1514
Emigration and public health, in France, (39) 812
Emperor Sigmund, sickness of, (1400, 1437), (94) 1042
Emphysema and bronchitis, respiratory treatment of, (125) 1320—ab
Empyema, (121) 154, (52) 1685
and bronchitis, superheated air in treatment of, (92) 1800—ab
generalized subcutaneous, result of miliary tuberculosis in a syphilitic child, (38) 640
history of aspiration drainage in, and other surgical conditions, (35) 307
operative treatment of chronic, of maxillary sinus, with special reference to intranasal method, (90) 1709
Encephalitis, acute non-suppurative, in children, *1184
experimental, (110) 2130
Encephalocele, frontonasal, (29) 1328—ab
Endarteritis, obliterative, of femoral distribution with gangrene of feet, (7) 1704
Endocarditis, acute, (115) 74—ab
case of malignant, (98) 1138
infective, involving pulmonary valves and associated with imperfection of interauricular septum, (17) 1598
Endocarditis of frontal, ethmoidal and sphenoidal cells, with abscess in orbit, serous meningitis, optic neuritis, otitis media, operation, recovery, (25) 72
of gall bladder, (32) 1417—ab
septic, (44) 1767—ab
simple method of expanding lung after operation for, (120) 74
sufficiency of simple intercostal incision in acute, (23) 306—ab
treatment of, with especial reference to irrigation of pleural cavity, (72) 154
End-of-season illness, (101) 1709
Endomastoiditis, acute, with thrombosis of lateral sinus, (54) 238
Endometritis, (104) 154
fetid, purulent atrophying, (32) 1328—ab
hemorrhagic, (103) 89
Endotoxins, soluble, of typhoid, plague and dysentery, (44) 971—ab
Enemas, retained, (34) 642—ab
Enemator, a new rectal, *272
Enteric fever, infectivity of, (6) 74
is it invariably a water-borne disease? (31) 1020
latrine infection in, of India, (57) 76
treatment of, with typhoid vaccine, (37) 1320—ab
Enteritis, avoidance of, during mercurial treatment, (62) 1772—ab
membranous, (71) 844—ab
phlegmonous, (114) 510
Enterocolitis and appendicitis, (41) 404
medicinal treatment of, (10) 1398—ab
Enterogenetorostomy, technic of gastro-enterostomy and, (75) 76—ab
Enteroptosis, (44) 539—ab
and cardioptosis, cause of, with return to normal, (32) 1517
surgical treatment of, (44) 158—ab
Enterostomy, technic of immediate, (43) 2121
Enucleation; some uncalled-for disfiguring operations resulting from failure to recognize accessory sinus disease, (4) 1602—ab
Enuresis, (93) 1514
treatment of nocturnal, (66) 2029
Environment, heredity and, as factors in life and diseases of children, *760
in therapeutics from standpoint of physiology, (21) 1854—ab
Eosinophilia, local, of kidney, (73) 542
Epidemiology as applied to typhoid in Minnesota, (96) 1514
Epidermal fibrila, study of, (62) 960—ab
Epidermolysis bullosa, (18) 483—ab
Epididymitis, operative treatment of acute gonorrheal, (3) 1414—ab (69) 972
prevention of, (6) 1965—ab
Epilepsy, (109) 1507
borderland of, (2) 320—ab
bromid of potassium in, (50) 1139
case of reflex, (131) 722
convulsions in children and their relation to, (19) 1221—ab
different stages of, and its distinct pathology, (67) 2029
in legal medicine, (96) 1220
massive, (41) 543
methods of research into causes of, (57) 1768
one hundred and three cases of, (21) 1227—ab
operative treatment of genuine, (53) 1354—ab
peculiar attitudes in, during sleep, (9) 1325—ab
plea for earlier diagnosis and treatment of, (85) 1320
relation of late, to head injuries, (108) 309
salt-free treatment of, thirty-seven cases of, (12) 1512—ab, (43) 1685—ab
traumatic Jacksonian, (69) 813
treatment of, (110) 810, (66) 1422
Epileptic fits, cessation of pulse during onset of, (14) 542—ab
symptoms, importance of early diagnosis and treatment of, (3) 2130—ab
Epileptics, affections of spinal cord in, *1717
as automobilists, (64) 1861—ab
coagulating power of blood serum in, (117) 2046—ab
improper management of, (101) 309
Epiphora, nasal treatment of, (35) 974
Epistaxis, (89) 1138
Epithelial formations in lymph glands and spaces in pelvis, (77) 1235
metaplasia in uterus, (76) 1236
Epitheliona, benign cystic, *1147
contagion of birds, (55) 1299
distribution and treatment of, of lower lip, (31) 662
late results of x-ray treatment of cutaneous, (5) 2119
of antrum of Highmore, (82) 541
of ear, (56) 1062
of larynx, total laryngectomy for recurrent, (3) 662—ab
of lip, (84) 515—ab
of lip, rapid cure of, (85) 1514
of lip, successes and failures in Roentgen therapy of, (104) 227
of ocular conjunctiva of unusual size, (68) 662
of orbit, (25) 1394
of tongue, (22) 1667—ab
of tongue with secondary growths in glands of neck and liver treated by x-rays, (13) 1328—ab
primary of vulva, (35) 2179
Roentgen ray in, lupus and tertiary syphilis, (21) 2099
treatment of, by caustic potash, (39) 729—ab
treatment of, with Finsen phototherapy, (91) 903—ab
Epithelium experimental production of proliferation of, (87) 2128—ab
permeability germinal, (88) 1328
Epityphlitis, results of treatment of, (64) 402
Equino-varus, double congenital, in twins, (31) 2129
Erb's disease, (103) 315
paralysis, participation of diaphragm in, (55) 294
Ergot, therapeutic value of, (6) 976—ab
Eruptions, bromide, pathogenesis of, (42) 76
Erysipelas, acute and chronic suppuration of ear and nose direct cause of facial, *2092
intrauterine, (100) 1774—ab
of lungs, (94) 244—ab
of pharynx, case of primary, (18) 807
Erythema autumnale, (34) 1969
indurstum (Bazin), (36) 2041
nodosum, (66) 1856—ab
nodosum, etiology of, (106) 2130—ab
nodosum of mucous membranes in relation to syphilis, (17) 2177—ab
Erythrocytes, granular, (81) 266
Esmarch chloroform inhaler, modification of, *1855
Esophagus and stomach, diffuse phlegmons of entire, (30) 1422
and upper air passages, direct examination of, (4) 806
carcinoma of, and of, with perforation into trachea, (35) 806—ab
closure of, from stomach, (127) 976—ab
diagnosis and therapy in fusiform enlargement of, (53) 642
etiology of carcinoma of, (72) 1507
examination and surgery of upper end of, *1805
median incision of, (87) 1517—ab
morphin in treatment of stenosis of, (102) 1143—ab
peptic ulcer of, (29) 808—ab
rapid and permanent cure of an old caustic stricture of, by thiosinamin, (98) 546
removal of an open safety pin from, (30) 1328, (45) 2028
retrograde current in, (61) 1141—ab
second case of vertebral echondrosis caused by kinking of, (84) 545
stenoses of, (60) 1856—ab
stricture of, treatment of traumatic, by dilatation, (47) 539—ab
traction diverticulum of, (92) 1774
Ether air anesthesia or drop method for administration of ether, *1859
more, less chloroform, (3) 2035
narcosis by rectum, (54) 1057
operations during first whiffs of, (95) 2045—ab
Ethics, medical, (104) 309, (79) 1768
Ethyl-chroid anesthesia, (41) 2038—ab
as general anesthetic in conjunction with ether, (2) 1969
as general anesthetic in minor operations, *902, *1855
Eucalyptus, acute poisoning with oil of, (15) 75
Eustachian tube, catheterization of through mouth, (70) 309
Eventration diaphragmatic, (100) 1691
Evidence, testimony and, in medicine, *1388
Evil, etiology of social, *2076
relation of medical profession to social, *29
Examination, medical, considered as an exhibit to a commercial contract, (113) 227
Examiners, life insurance, in relation to companies, (111) 227
life insurance medical, medical examiners' associations and reciprocal relations between life insurance companies and ourselves, (115) 227
mistakes made by insurance, (112) 227
Exanthemata, diagnosis of, (142) 74
Excremental pollution, bacteriocopic analysis of, (4) 1705—ab
Exercise, influence of rest and sleep on gastric digestion, (42) 396—ab
Exercise in treatment of spasmodic paraplegia, (37) 396—ab
Exertion, effect of bodily, on epasmic nervous system, (73) 1328—ab
influence of great physical, on circulatory apparatus, kidneys and nervous system, (72) 1328—ab
Exophthalmic-goiter, (35) 734, (33) 1908—ab
cardiac tenuosus and, (112) 1686—ab
cause of jerking of head in, (92) 139
clinical study of 39 cases of, (4) 2175—ab
dietetic treatment of, (73) 1094—ab
diphtheria antitoxin in treatment of, *1408
Gifford's lid symptom in, (62) 1957
heart in, (115) 2048—ab
metabolism in case of, (91) 1318
nervous system, (73) 1328—ab
new eye symptom in, (41) 229—ab
operative treatment of, (57) 1325—ab
pathology of, (55) 1140—ab, (89) 1958—ab
possible case of intratracheal arteriovenous aneurism or, (125) 220
Roentgen treatment of, (62) 1093—ab
serum having therapeutic value in treatment of, *821
serum treatment of, (16) 719—ab, (7) 2076—ab, (9) 2130
surgical treatment of, *305
therapeutic value of antithyreoidin in treatment of, and kindred affections, (37) 158—ab
thyroid extract in, (71) 906
treatment of, (29) 1771—ab
treatment of, with serum from thyroidectomized goats, (91) 79—ab
two cases of, *1581
Exophthalmos in leukemia, (8) 2175—ab
pulsating, (22) 967—ab
Expedition to the Amazon, 1905, first report of, (3944) 1139
Experiments, control, of, (22) 76
what value have, on frogs for application in clinic, (26) 642
Expert, modern medical, vs. St. Paul, et al, (24) 1055
Extension technic, simplified, (70) 1335
Extremities, asphyxia, local and gangrene of, of tuberculous origin, (32) 238
Bier treatment of infections and septic wounds of, (11) 1513—ab
Exudates, pleuritic, in children, *1288
Eye, affections of, in relation to pelvic disorders, (41) 1858—ab
and ear, cases of abnormalities of, on mental and physical development of children, (112) 1220
associated coloboma oculi and arteria hyaloidea persistens, (77) 1685
bacteriologic examinations of cerebrospinal conjunctival sac in typhoid and in pneumonia, (55) 1417—ab
bilateral removal of lens in high myopia following use of dionin, (42) 2176
center of motion and angle alpha, (84) 1685
choroidoretinal sclerosis with spontaneous dislocation of lenses, complete and incomplete, (81) 1685
cinders in, (4) 1417
clinic of University of Breslau, (91) 1058
compress syphon, (54) 1957
conjugate lateral deviation of, *450
coaching of lens as practiced by native practitioners in India, (31) 1139
diagnostic significance of reflexes of, (83) 941—ab

Eye, differential diagnosis and prognosis of tumors of uveal tract of, *409
dionin in diseases of, (105) 1897, (60) 1957
diseases, subjective symptoms in, (40) 971
diseases, treatment of some, by general practitioner, (109) 1957
droppers, improvised pocket-case for, *777
epithelial formation in iris, (69) 970
foreign bodies in, (66) 1088
foreign body retained in orbit for nearly four years, (32) 724—ab
general diseases as cause of diseases of, (77) 722
gonococcal infection in reference to, (123) 74
grounds, changes in, in otitic diseases of brain, cerebral membranes and sinuses, (100) 2039
inflammations, external, of doubtful origin, (17) 1594—ab
influence of suction hyperemia on healthy, and on course of eye affections, (86) 1964—ab
injuries of, (76) 154
injuries to, with birdshot, *421
instillation of pure carbolic acid into, *37
instrument with which powder may be introduced readily into interior of, (58) 1957
intraocular foreign bodies in, (44, 729
melanosarcoma of inferior rectus muscle of, (71) 970
monocular visible spasm of central artery of retina, (74) 897
movable artificial, (39) 1136
new contribution to congenital pigmentation of cornea of, (32) 1895
notes on ocular syphilis, (51) 1417
observations on methods of advancement, (93) 970
ocular factors in etiology of spinal curvature, (9) 459—ab
ocular injuries from foreign bodies, *770
ocular injuries from glass and stone, (67) 897
ocular insufficiency and some of its results, (8) 1054
ocular manifestations in intracranial diseases of otitic origin, (79) 1059
ocular manifestations of nephritis, (99) 722
ocular symptoms of nasal origin, (88) 1059
old and new in ocular therapeutics, (12) 321—ab
ophthalmic practice of present time, *435
ophthalmic sins of hospitals, (78) 1895
ophthalmic subjects in Talmudic literature, (73) 897
optical defects of normal, (84) 1514
paraffin plates as aid in operations for extensive symblepharon of, *570
progress of year in recognition of eyestrain reflexes, (83) 1895
pupil reflexes originating in viscera, (108) 1964—ab
quinin-caffein treatment of, for hay fever, (88) 2044—ab
recent advances in ophthalmologic therapeutics, (37) 1594
reflexes from, in narcosomania, (71) 309
series of cases illustrating ocular complications of hysteria, (38) 2176
severe injury to left orbital region of, with paralysis of several cranial nerves, (41) 2176
so-called sarcosarcoma of iris, *418
some axioms concerning ocular rotations, *353
staining and examination of bacteria of, by simple practical methods, *99
strain as a cause of headaches, (28) 463
strain and crime, (47) 1506
strain and its symptoms, (15) 465
strain, headache and, *1521
strain, hysteria due to, (82) 1768
strain, incurable, *734
strain, life and career blighted by ignored, (80) 1685
strain, physical disturbances in distant parts of body due to, (49) 1507—ab
strain reflexes, progress of a year in recognition of, (83) 1685
strain, unusual case of, (73) 2039
striking idiosyncrasy to use of cocain in, *1486
Eye, study of 3,428 cases of senile cataract, (14) 1765—ab
study of convergence and its effects, *670
subconjunctival injections in diseases of, (78) 1259
treatment of opacity of cornea by physical agents of, (34) 815—ab
treatment of progressive atrophy of optic nerve due to acquired syphilis, *923
tubercular affections of, (70) 640
two cases of optic neuritis, (30) 1687
use of electro magnet and x-ray in removing foreign bodies from, (42) 226
value of x-rays in ocular therapeutics, *904
Eye-ball, origin of atrophy of, (63) 242
pathogenic bacteria of, *824
sign, negro's, of facial paralysis, (56) 903
treatment of perforating, infected wound of, (130) 976—ab
Eyes and ears of school children, (129) 154
infection of 300, with bacteriologic examination, (77) 970
inflammation of, due to infection from hay fever conveyed by tobacco smoke, (78) 462
of new-born, (152) 74
persistent hyaloid artery in both, unusual variety in one eye, (60) 462
physiology and pathology of movements of, (121) 1691
unusual success from iridotomy in practically blind, from iridocyclitis and complicated cataract, (8) 806

F

Face lotion, *1629
Farmfield reformatory for inebriate women, (73) 309
Fat and carbohydrates, (41) 1233
appearance of, in muscles after crushing of cervical vertebræ, (106) 2045
importance of, in food of nursing women, (77) 1083
in cocoa, (69) 544
in tumors, (68) 1774
percentage, variation in, of mother's milk as factor in feeding, (30) 640, (127) 1220
research on absorption of, in intestines, (114) 975—ab
splitting of, in stomach by action of ferment, (110) 975—ab
Fats, absorption of, in infants, (11) 1598—ab, (109) 1691
proteids and carbohydrates, digestion of, in first years, (139) 722
Fatigue, influence of, on dogs after partial removal of parathyroids, (96) 1883
Faucial pillar retractors, (35) 1388
Favus, (49) 1772
scutulum, anatomy of, (52) 1772
Feces, clinical examination of, (68) 154—ab, (17) 155, (48) 640—ab
dissolved albumin in, of adults, (85) 1882
examination of, of twenty-five starch-fed infants, with clinical observations, (94) 1227—ab
incontinence of, (24) 640—ab
nitrogenous constituents of infant's, (106) 1691
Fecundation, mishaps with artificial aids to, (79) 972
Feeble-minded, training of, (42) 643
Feeding, alkalized buttermilk in infant, (58) 1082
artificial, of infants in tropics, (50) 806
infant, (47) 1685, (110) 1857
infant, in wage-earner circles, (87) 1083
principles of, in typhoid and in other fevers, (13) 234—ab
physiologic limitations of rectal, (22) 1384—ab
problem, some phases of, (22) 2037
rectal, (60) 300
rôle of pure cow's milk in infant, (21) 388
sodium citrate in infant, *1080
study of proteids in infant, with special reference to whey proteids, (34) 2037
trend of pediatric opinion concerning artificial, of infants, *1080
unheeded principles involved in dieting hot weather, *368
Feces, division of, (74) 459
feeling for, (23) 898
medical, in country practice, *1685 (62) 2122—ab
Feet, brace to aid in treatment of flat or weakened, (44) 982—ab
treatment of faulty weight bearing in weak and flat, (64) 2122—ab
Female, morbid processes in right abdominal and pelvic regions of, and their distinction, (13) 307
Femur, ambulatory treatment of intracapsular fracture of neck of, (89) 2123
fractures of upper portion of, (76) 1514
osteomyelitis of, (50) 308
treatment of fractures of, *561
treatment of old fractures of neck of, (71) 1141
Fergus operation for ptosis, (22) 1505—ab
Ferment action, determination of proteolytic, (62) 1385, (63) 2045
Ferments, proteolytic action of intracellular, (38) 2177
Ferns, new Philippine, (79) 970
Fetation in closed accessory horn of uterus, (39) 973—ab
Fetus, age of, (79) 2123—ab
amorphous anideus, a specimen of, (40) 1852
dystocia from cystic kidney in, (3) 2121—ab
mummified, of 13 years' standing, (41) 2121
transmission of kidney changes to, (124) 546—ab
Fetuses, exceptionally large, from obstetric standpoint, (85) 1235
Fever, blood findings in puerperal, (9) 77
glandular, (34) 229—ab
in childhood due to other causes than sepsis, (7) 151
intermittent, in pneumonia, (70) 1063
in Calcutta, seven-day, a form of dengue? (36) 2125
observations in treatment of continued, (39) 732
puerperal, prevention and treatment of, (79) 1958
puerperal, treated by utero-vaginal drainage, (8) 629—ab
should cold baths be given for, in young children? (18) 459—ab
surgical, (45) 729
tertiary syphilitic, (26) 244—ab
treatment of, in pulmonary tuberculosis, (101) 227
utility of saline solution in treatment of, *1551
Fevers, classifications of the non-specific surgical, (29) 224
treatment of puerperal, with Paltauf's streptococcus serum, (62) 1809
Fibers, formation of elastic, (94) 1964
Fibrademonas, large, of nasal fossa, (84) 541
Fibrocystoma, multilocular, involving uterus, (87) 309
Fibroglia fibrils, significance of, an embryologic study, (43) 640
Fibroid tumors of uterus, *1881, *1968, *2065
Fibroids, etiology of uterine, (16) 1238
uterine, associated with gallstones, *1209
uterine, complicating pregnancy, (100) 2124—ab
Fibrolipoma, congenital, of palatine tonsil, (76) 74
small, of ileum resulting in obstruction of bowel, with consideration of various forms of benign intestinal tumors, (10) 1513—ab
Fibromata, 144 abdominal hysterectomies for, (25) 1332—ab
miliary follicular, (40) 1771
wandering, parasitic or aberrant retroperitoneal uterine, (125) 896
Fibromyoma, cystic, of uterus, (24) 1332—ab
Fibromyomata, some questions concerning treatment of uterine, (52) 1137
Fibrosarcoma, multiple of tongue, *2002
Fibula, fractures of, (106) 467
Field, undeveloped, advantages that may be derived from making examinations for accident insurance companies, (109) 227
Filarial larva in blood of a blackbird, (4) 1685
Filariasis, (25) 1683—ab
Filigree, five years' experience with, intended to prevent and to cure abdominal hernia, *754
Finger joints, congenital ankylosis of, (81) 1059
Finger prints, system of personal identification by, recently adopted for U. S. army, *1175
Fissure light, action of, on normal skin, (45) 1772—ab
phototherapy, treatment of epithelioma with, (91) 903—ab
treatment, action of heat in, (54) 1961
Fire, physical effects of gun, (122) 226
Firearm wounds in peace, (73) 305
wounds of joints, (87) 242
wounds of skull, (47) 240
Firearms, effects of Japanese, (64) 2043—ab
injuries from, of small caliber, (62) 1140
First aid packet, new, (58) 897—ab
Fissures, postpartum anal, five cases of, (106) 215
Fistula, aneurism of arch of aorta producing a bronchoesophageal, (37) 1684—ab
cholelithiasis, between gall bladder and bronchus, (58) 1235
in-ano, epithelial lined, in an infant, (34) 308
of thoracic duct, in relation to morphology of blood, (116) 2120
treatment of postoperative, by vaccines according to Wright's principle, (76) 1001—ab
two cases of intestinal, (22) 311
Fistulas, closure of ureterovaginal and vesicovaginal, (20) 71
following gastric ulcer, (38) 901—ab
locating, in lower intestinal tract by injecting hydrogen dioxid through anus, *111, (80) 227
new and improved method of closing vesicovaginal, (42) 838—ab
passive congestion in treatment of tuberculous, (75) 1142—ab
technic of repair of large vesical, (38) 839—ab
Fixation, field of, and methods of measuring it, (77) 462
Flat-foot, and symptomatic arches, (118) 970
diagnosis and treatment of, (67) 242
progress in treatment of, (92) 545
Flies, anatomy of biting, of genera stomoxys and glossina, (18) 76, (15) 229, (21) 302, (23) 843, (24) 813
mosquitoes, etc., to gather and preserve, (56) 971
occurrence and habits of some species of human biting, belonging to families tabanidæ and muscidæ, from west coast of Africa, (31) 1961
Flora of Lamao Forest Reserve, (78) 74
Flour in infant feeding, (65) 1517
Fluid, cerebrospinal, in congenital syphilis, (68) 1062—ab
Fluoroscope in diagnosis of aneurism, *897
Fluoroscopic examinations, substitute for dark room during, *1488
Fly, rôle of house, and other insects in spread of infectious diseases, (64) 227
observations on breeding ground of common house, and description of species of moth fly, (23) 1815
Food and digestion in warm climates, (22) 1770
and food preservatives, (3) 388—ab
preservatives in, injurious to health? (121) 2124
factor in disease, (39) 302
natural supervision and standardization of, *1371, (36) 1515—ab
of natives of India, (21) 1770
preservatives, legislation regarding, (15) 1515—ab
typhoid water and, (42) 312
value of whey-proteids, (31) 640
values and their practical application, (105) 970
Foods, inspection of tinned, (22) 890
some kitchen tests to detect adulteration in common, (40) 1966—ab
Foot, deformities of arch of, and of toes, (31) 1231, (19) 1332—ab
method of taking impressions of weight-bearing surface of, (23) 1857—ab
perforating ulcer of, cured by stretching plantar nerve, (58) 902
prosthetic appliance for use after partial amputation of, *1730
Football injuries, (75) 792
Footholder in applying dressings, (88) 1903
Forceps, (104) 970

V 19

Forceps and its alternatives when head is arrested in pelvic brim, (30) 305
gastroenterostomy and anastomosis, new clamp for, (73) 1141
modified artery, (25) 76
new method of applying obstetric, (53) 2121—ab
technic of, (31) 151, (108) 1138
use and abuse of obstetric, (44) 1417
Foreign bodies and Roentgen examination, (93) 1145—ab
bodies in bronchi, (41) 812
Forest reserve, vegetation of Lama, (74) 227
Formaldehyd, action on bacteria, (73) 902
disinfection of rooms by, comparative bactericidal value of various methods, (9) 1515—ab
Formalin technic, improved, for biologic test, (45) 643—ab
Formulary, National, *1288
Fossa, morphology and embryology of nasal, of vertebrates, (74) 229
of Rosenmüller, observations on, (87) 1058
Fourth-of-July injuries and tetanus, *505
injuries, antitetanic serum in, *560
injuries, with reference to prophylaxis and management of tetanus, (119) 238
Fracture, ambulatory treatment of intracapsular of neck of femur, (89) 2123
automobile, (52) 813
complications with, of long bones at wrist, (7) 537
compound, of great toe and contusion of foot followed by phlegmonous erysipelas, (93) 722
compound, of patella, tabulation of all fractures in Boston City Hospital in forty-two years, (9) 1855—ab
isolated, of greater tuberosity of humerus, (75) 840
lower extremity of ulna as factor in Colles', (67) 309—ab
of anterior superior spine of ilium by muscular action, (14) 1859—ab
of astragalus, (116) 1230
of base of fifth metatarsal bone by indirect violence, (32) 1515
of calcaneus, (76) 843
of clavicle, (111) 1139
of clavicle, dorsal fixation of arm in, (72) 1517
of fifth metatarsal by inversion, (10) 685
of metatarsal bone, mechanism of, (53) 613
of olecranon, (92) 727—ab
of radius, (56) 512
of skull, six cases of, (117) 1230
of skull, temperature 92.9 F. following, (114) 808
of inferior maxilla, treatment of, with description of splint, *954
of upper end of tibia from indirect violence, (19) 459—ab
of vault, two cases of compound, with loss of blood substance, (130) 841
supracondyloid, of humerus, (16) 1229—ab
Fractures, causes of delayed and nonunited, (87) 72
complicated, (106) 74
firearm, of extremities, (66) 2043
functional treatment of, (46) 725—ab
modern treatment of intracapsular, (7) 1682—ab
of femur, treatment of, *981
of humerus, (125) 722
of humerus, new splint for, (54) 968—ab
of neck of femur, treatment of old, (71) 1141
of patella, treatment of, *1177
of upper portion of femur, (76) 1514
open treatment of, (31) 967—ab
plea for exploratory incision in suspected depressed of skull, (54) 2121
principles of treatment of, (3) 1769
principles of treatment of, of upper extremity, (88) 1418
row of spikes for external prothesis of, (35) 132—ab
some general considerations in treatment of, by country practitioner, (89) 897
treatment of, (51) 153
treatment of compound, (69) 227—ab, (82) 482
treatment of ununited and compound, with bone-pins, (50) 1597—ab
union of, (39) 2041—ab
Frambesia tropica in monkeys, (96) 1235
France, war against venereal disease in, *1240
Fraud, abettors and accomplices of, (85) 290
Fremitus in pneumonia, (92) 457—ab
Friederich's tabes, four cases of, (106) 2129
Functions of uterocæcal and round ligaments, (38) 856
Functional disorders, an important factor in causation and treatment of many so-called, (4) 2035—ab
Funiculitis, tropical, (76) 972
Furuncles, carbuncles and phlegmona, treatment of, (62) 1962—ab

G

Gall-bladder and bile passage, surgical treatment of, (35) 897, (124) 1128, (136) 1419
and biliary tracts, medical treatment of diseases of, (49) 1513
and ducts, cancer of, (116) 229
and ducts, disease of, with reference to stomach troubles, indigestion and dyspepsia, (35) 540
colic, (46) 2125—ab
diagnosis and treatment of acute infections of, (2) 1511
disease, gallstones and, from standpoint of physician, *926
empyema of, (35) 1417—ab
multiple ulcers of, (16) 71—ab
review of fifteen hundred operations on, and bile passages with reference to mortality, (30) 220—ab
surgery of, with reference to chronic pericholecystitis, (118) 239
Gallstone affection, fatal hemorrhage, (68) 513
affection, prognosis and treatment of, (120) 1892—ab
clinical history and diagnosis of, in gall bladder, the cystic or common duct, (6) 548
disease diagnosis of, in its early stages, (58) 540
disease, etiology and pathology of, (83) 897
disease, medical treatment of, *947, (73) 1691
fleus, (101) 1691—ab
patients, rest in open air for, (67) 843—ab
diseases, commonly overlooked or misleading symptoms of, (87) 540
operations, fifty, (81) 514
Gallstones and gall bladder diseases from standpoint of physician, *926
and lesions of neighboring glands, (116) 1965
associated with uterine fibroids, *1290
cases of, (32) 1771—ab
diagnosis and surgical treatment of, (88) 257
diagnosis of, (84) 897
importance of early recognition of, (21) 220
intestinal obstruction due to, (106) 2134—ab
of large size passed by rectum, (14) 1859—ab
treatment of, (15) 151, (105) 2220
Galvano-cauterization of uterus (84) 2198
Ganglion cell and nerve fiber, (106) 1142
Gangren, *1168
Gangrene of both feet and legs due to embolism and thrombosis of abdominal aorta, result of mitral stenosis and cardiac thrombosis, (13) 841
of both lids after slight trauma of brow, (85) 845
of vermiform appendix, and appendicitis considered as separate diseases, (8) 641—ab
Garrulitas vulvæ, (111) 975
Gastric acidity, relation of excessive, to gastric carcinoma, *420
affections, ineffectual courses of mineral waters in, (85) 1064—ab
and duodenal ulcer, etiology and diagnosis of, *840
and duodenal ulcer, medical treatment of, *845
and duodenal ulcers, *842
cancer, diagnosis of, (50) 1031—ab
cancer, plasma cells in, (20) 1774
juice, acidity of, in case of chronic obstipation, (34) 1429
juice, examination of, (32) 211
juice, relations between, and intestinal putrefaction, (47) 1394—ab
juice, secretion of, (80) 1092—ab, (59) 2198—ab
mucosa, pathologic physiology of caustic injury of, (109) 2045
Gastric neurosis, (11) 1230, (45) 1417, (75) 1397
secretion after test breakfast, (69) 974
surgery, observations on, (44) 2041
Gastric-ulcer, *14, (78) 727—ab
and cancer, (16) 807—ab
and duodenal ulcer, surgical treatment of and its results, *913
diagnosis of, (10) 988
effect of gastroenterostomy on, (27) 1232
etiology of, (9) 1955
fistulæ following, (32) 901—ab
medical treatment, (37) 1956
perforating, (58) 1513
postmortem findings in, (18) 1512
proper limitations of medical and surgical treatment of, (1) 635—ab
psychical and medical treatment of conditions underlying, (12) 2120
relations to gastric cancer, (12) 1220
results of operative treatment for perforated, (58) 242—ab
salient points of, and medicinal treatment in country practice, (88) 154—ab
some features of, (19) 719
subsequent history of thirty-two cases of chronic, previously reported, (16) 639
surgical treatment of, (32) 1232—ab, (65) 1691
symptomatology and diagnosis of, (20) 1763
treatment of, with record of cases, *839
two cases of perforated successfully operated on, (29) 2125
Gastritis, curability of chronic, (62) 1141
diagnosis and treatment of chronic, (107) 154
Gastroenteritis, (54) 1417
Gastroduodenal dilatation (in splanchnoptosia), (76) 1
Gastroenterostomy and enteroanastomosis, new clamp forceps for, (73) 1141
and enterostomy, technic of, (75) 72—ab
effect of, on gastric ulcer, (37) 1232
its indications and limitations, (18) 181
posterior, extreme gastroptosis, motor insufficiency, etc., (14) 1228—ab
two cases in which, was performed in course of operation for perforated ulcer, (14) 893—ab
Gastrointestinal disorders, in pulmonary tuberculosis, treatment of, (90) 227
disturbances associated with migraine, (19) 1813—ab
tract, relations of, to nervous and mental diseases, (15) 807
Gastrojejunostomy, three cases of, (5) 485—ab
Gastromesenteric ileus, (14) 893—ab
Gastroptosis, (104) 892
clinical study of, (27) 898
surgical treatment of, (77) 1857
Gastrosalivary reflex, (30) 220
Gastrostaxis or oozing of blood from mucous membrane of stomach, (14) 1859—ab
Gastrotomy, new method of, (68) 1141
Gastrouterorrhea, intermittent, (93) 897
two cases of, or gastric hypersecretion, associated with atrophic cirrhosis of liver, (15) 719—ab
Gauze, removal of adherent strips of, (71) 1517—ab
Gelatin injections for aneurisma, (38) 484—ab
Genital activity, preliminary note on new theory of female, (34) 971
secretions, of new-born female infants, bacteriologic examination of, (37) 240
Genitalia, heterologous mesodermal tumor growths of female, (81) 1225
Genitourinary affections, (78) 2030
organs, congenital abnormality of, (17) 543—ab
Genius, genesis of, (43) 1767—ab
German Psychiatrical Society, historical sketch of, (77) 213
Gestation, extrauterine, operation, living child delivered weighing three pounds, (49) 721—ab
results of vaginal section and drainage in early cases of ectopic, (40) 839—ab
sac, ruptured tubal, with secondary attachment of ovum to cecum, (14) 1859
Giant growth, congenital, (71) 797
Gifford's lid symptom in exophthalmic goiter, (62) 1957
Gingivitis, interstitial, due to autointoxication, *981
Glanders in guinea-pig, (20) 1899
Glands in neck, pathology in infants, (88) 814
internal secretions of certain, which elaborate external secretions also, (50) 153
peculiar pressure symptoms due to enlarged tuberculous bronchial, (23) 806—ab
Roentgen therapy of tubercular, (100) 154
treatment of tuberculous of neck, (37) 2130
tuberculosis of, (31) 1600, (30) 1771
tuberculosis of, simulating neoplasms, (109) 1519—ab
Glandular affections, clinical considerations of acute, (120) 2124
affections, management of chronic, (60) 1762
extracts, value of, (72) 810
lesions in infancy, (88) 815
Glasses, science and art of fitting, (1) 150, (97) 892
Glaucoma, acute, following instillation of several drops of adrenalin in cataractous eye, (28) 680-ab
posterior sclerotomy as preliminary to iridectomy in acute, (75) 970
traumatic, (97) 894—ab
unusual case of, (21) 719
Glioma of retina, (73) 970
Gliosittia, study of literature from 1811 to 1908, (37) 1956
Gloves, rubber, in abdominal operations, (7) 1655
Gluteal muscles, embolic necrosis of, (74) 1861
Glycerin, nutrient value of, (45) 1893
Glycogen, further observations on influence of alcohol on metabolism of hepatic, *1487
Glycolysis, physiology of, (82) 74
Glycosuria and diabetes, (57) 245—ab
drugs in diabetic, (13) 1229—ab
in mercury cures, (79) 1224
intermittent pentosuria and, (13) 238—ab
suprarenal, (90) 1774
varieties of, (85) 74
Goats, examination of, in Malta, with view to ascertain to what extent they are infected with Mediterranean fever, (21) 76
Goat's milk, infantile mortality and, (30) 1482
Goiter, epidemic of, (35) 2178
influence of on growth of children, (95) 804—ab
surgical treatment of, (84) 1968—ab
three thousand operations for, (35) 1225—ab
treatment of, (85) 467
Goiters, bone formation in, (71) 845
Goniscope, model for ophthalmotrope, some phases of ocular motility, (13) 806
Gonococcal cutaneous metastasis in skin, (34) 76
Gonococcemia in an infant, (89) 973
Gonococcus, infected by, (129) 74
Gonorrhea, (43) 1229
acute, in male, (134) 888
and its effects in women, (105) 134
disadvantages of injections for acute, (57) 213—ab
gonoean and treatment of, (57) 723—ab
in children, (42) 1627
in women, (32) 1418
its treatment from standpoint of military surgeon, (51) 893
medicines used in treatment of, (70) 1956
passive congestion treatment of, (49) 1061—ab
protection for body linen in, (89) 243
puerperal, (83) 1235—ab
silver nitrate and zinc in chronic, (71) 972—ab
surgical treatment of, in women, (95) 722
treatment of acute, (71, 72, 73, 76) 1958
treatment of, by irrigation, (50) 897—ab
treatment of, in male, *1288
Gonorrheal lesions other than of genital tract, (82) 1230—ab
Gonoean and treatment of gonorrhea, (57) 723—ab
Gout and rheumatism, (104) 1220
elimination of uric acid in, and alcoholism, (10) 2127—ab
essence and treatment of, (26) 212—ab
successful mercurial treatment of, (105) 548
visceral, especially gastrointestinal form, (54) 213—ab

Goux system and its application to India, (28) 76
Graduates, talks to recent, (69) 1514
Graft, psychology of, (21) 72
Gram staining technic, (119) 975—ab
Granulations, exuberant, (116) 1959
Granuloma pudendi, observation of spirochetes in yaws and, (5) 1885
telangiectatic, (106) 1952
Greifswald medical school, historical sketch of, (112) 975
Griffith water sterilizer, (29) 1299
Grippe, effect of, on circulatory apparatus, (114) 1965
influence of, on other infections, (67) 902—ab
Grocco triangular dulness of, (70) 160—ab
Ground itch, causative factor in production of dermatitis of (uncinariasis), *1908
Growth and nutrition, influence of excessive meat diet on, (11) 542—ab
disturbances in, after brief Roentgen radiation, (72) 78—ab
Growths, malignant and non-malignant, (94) 722
Guarnieri's intra-epithelial bodies, (57) 1509
Gumma, bilateral, of orbits in child of eight years, (74) 462
contagiousness of, (2) 305—ab
subcortical cerebral, accurately localized in comatose state, (96) 154
Gummata of cornea, (85) 1885
Gunshot wound, penetrating of abdomen, operation with recovery, (61) 1513
Gymnastics, use and abuse of pulmonary, in tuberculosis, (17, 18) 388—ab
Gynecologic cases, ureteral symptoms in, (24) 530—ab
postoperative cures, relation of major, to country doctor, (105) 1138
service, report of year's work in, of Samaritan hospital, including technic, (11) 718
Gynecology, (92) 1058
and obstetrics, factors which have contributed to better results in, (92) 1956, (97) 1956
conservatism in operative, (40) 1417
German, (106) 1419, (107) 1959
medical treatment in, (43) 1139
recent progress in, (68) 640
relation of, to work of general practitioner, (4) 1139, (120) 1959

H

Habits, a suggestion regarding management of alcoholic and drug, (85) 154
Hair, premature loss of, (99) 467
Hallucinations from starvation, (25) 642—ab
Hamamelis virginica, (46) 1961
Hand disinfection and asepsis in laparotomies, (72) 1423
joints, portable apparatus for ankylosis of, (20) 2177
recurrent hemorrhage of dorsum of, associated with appearance of bruising following a blow, (37) 1589
Hands of surgeons and assistants in operations, (8) 811
Harelip, genesis of, (78) 545
operation, dressing after, *1901
Harpoon, recovery from piercing of body with bay, *1120
Harvard medical school, (1, 2, 3, 4, 5) 1225
Hastings, Sir Charles, the founder of British medical association, (30) 719
Hawaii, climate of, (64) 810, (84) 1769
Hay-fever, (102) 1230
and persistent bronchial asthma relieved by treatment antrum of Highmore, (5) 966—ab
antitoxin treatment of, (27) 72
inflammation of eyes due to infection from, by tobacco smoke, (78) 462
palliatives in, *265
pollantin therapy of, (68) 1401
serum treatment of, (48) 1060, (64) 1517
simple contrivance for relief of, *1390
Head and neck, technic and results in excision of cancer of, (32) 1126—ab, (71) 1567, *1780
apparatus to induce hyperemia in, (99) 1602—ab
extraction of detached, (97) 78
injuries of, indications for immediate operation in, (107) 209
injuries of, relation of late epilepsy to, (108) 209
Head, injuries of, scope and importance of subject, (108) 209
new management of occipitoposterior positions of fetal, (6) 806—ab
nodding with nystagmus in infancy, (6) 641
removal of detached, retained in uterus, (89) 1962
rhythmic jerking of, (65) 902
sections with superior method of illustrating anatomic and surgical subjects, (109) 1959
trauma of, and psychoses, (109) 209
Headache and eyestrain, (29) 463, *1321
as symptom in intranasal disease, (31) 640
chronic, associated with pelvic disease, *1525
intracranial disease as cause of, (26) 462
of nasal origin, (29) 463—ab, (35) 1887, (9) 2035
tablets, acetanilid poisoning by, *2012
Headaches, causation and treatment of, (24) 463, (78) 1768
constitutional, *1524
due to aural disease, *1523
notes on, (77) 154
ocular, (73) 154
of renal origin, (25) 463—ab
Head's zones in respect to affections of digestive organs, (49) 1421
Healing, rapid, in aseptic cases, including the use of iodoform wax in bone cases, (51) 73—ab
Health and mortality of cotton-mill operatives of Blackburn, England, (3) 630
economic advisability of inaugurating national department of, *1003
inspection as applied to individual, *951
preservation of, among personnel of Japanese army, (23) 543
state control of, (14) 1514
Hearing, functional examination of, with tuning forks in monolateral deafness, with deductions on bone conduction and function of sound-conducting apparatus, (58) 320
Heart, acute dilatation of, in newborn, (30) 1420—ab
affections among wage-earners, (117) 1776—ab
affections, modern treatment of, (48) 240—ab
and stomach affections, mutual relations between, (49) 241—ab
auriculoventricular bundle of human, (12) 811
block, electro-motive changes in, (7) 391—ab
block, study of, (89) 1518—ab, (9) 1770—ab
bullet wounds of, (72) 2044—ab
cardiac neuroses and exophthalmic goiter, (112) 1803—ab
cardiac syphiloma with bradycardia and obstruction of inferior vena cava, (12) 641
cases, artificial Nauheim baths in chronic, (2) 1054—ab
congenital malformation of, with malposition of certain viscera and absence of spleen, *263
contribution to study of spanemic, (11) 807—ab
difficulties in diagnosis of cardiac diseases, with reference to children in public schools, (12) 387
dilatation and hypertrophy of, and some other points in cardiac pathology, (3) 238—ab
disease, arterial blood pressure in, (14) 1419—ab
disease, congenital, (4) 238—ab
disease, management of advanced, (1) 1656—ab
disease, relative frequency of, in children in different countries, (32) 640
disease, zone of rupture in liver in, (22) 311—ab
diseases, diagnosis and prognosis of, (116) 808
diseases, indications for interruption of pregnancy in reference to, (96) 1589—ab
diseases, organic, and immunity from pulmonary tuberculosis, (45) 1896—ab
dulness, orthopercussion and relative, (84) 1518—ab
effects of pericarditis on, *1429
electro-physiology of, (90) 396
examination of, (131) 1068
examination of, when lying on left side, (80) 1779—ab
exposure of, in case of injury, (79) 1148—ab
failure in cardiac compensation, (114) 2130
Heart failure, resuscitation of patient apparently dead from primary, (39) 1657—ab
fatty degeneration of, (91) 74
gummatous infiltration of auriculo ventricular bundle, (38) 2125
importance of elastic tissue in, for diastole, (26) 1964
in exophthalmic goiter, (115) 2046—ab
influence of bodily posture on position of, (14) 1688—ab
in nephritis, *1854
in puerperium, (14) 234
lesions of, and surgical operations, (64) 152
light and currents of air in chronic affections of, (19) 2177
magnate's, (44) 1513
measurement of energy of, (114) 1775—ab
muscle, electric treatment of weak, (64) 1774
muscle, functional tests of, (62) 544—ab
muscle, multiple rhabdomyoma of, (39) 396—ab
neurosis of, and arteriosclerosis, in consequence of trauma, (47) 394—ab
observations in case of palpitation of, (46) 1657
organized thrombus in, (124) 1965
orthodiagraphic examination of, in children, (112) 1691
percussion findings with enlargement of, (83) 815—ab
percussion of outline of, (61, 62, 63), 2127—ab
prognosis and treatment of chronic valvular disease of, (72) 1418
recognition and importance of chronic myocardial disease, (117) 808
record of movements of, at left auricle, (121) 975—ab
Roentgen outlining of, (40) 158
size and position of normal and its dependence on physiologic conditions, (55) 2126
some aspects of dilatation of, (13) 1770
sound, first, (92) 396—ab
sounds, reduplication of, *2148
sounds, to detect fetal early, (86) 1142—ab
spontaneous rupture of, (15) 538—ab
spontaneous rupture of, in senile dementia, (18) 538—ab
stomach and spleen, congenital protrusion of, (56) 810—ab
suture of, (74) 78
suture of perforating wound of, death on eleventh day, (11) 1230—ab
tonics and stimulants, (46) 1886
topographic percussion of child's, (85) 1620
transposed, *1727
treatment of cardiovascular disease, (110) 2029
treatment of fatty, (89, 90, 92, 93) 74
tuberculosis of, (73) 314—ab
unusual murmurs of, (140) 74
valves, tumors of, (101) 1964
valvular diseases of, in British troops, native troops, etc., (40) 1599
visceral ptosis and movable, (80) 908
Heat as means of purifying water, (20) 1599
Hebotomy, (31) 467, (28) 838, (82) 1519
Hellebore, case of poisoning with, (117) 1419
Helminths, cancerous tumors and, (36) 812—ab
Hemangioma and its treatment, (64) 1655—ab
Hemangiomata, multiple cavernous, of intestine, (115) 810
Hemeremia, complicating malaria, (115) 1857
in cholelithiasis, (37) 1961
in typhoid, (28) 724
Hemetozoa, malle, Breus, (32) 307—ab, (32) 1323
Hematoma, diagnosis of intradural, (61) 1335—ab
of new-born, *274
sudden, of uvula, (36) 220
valvular, in new-born, (85) 1774
Hematomyelia, case of, due to trauma, (16) 201—ab
Hematosalpinx, case of, rupture and hemorrhage into peritoneal cavity (23) 640
Hematuria, (47) 212—ab, (63) 724, (84) 1857
endemic, (18) 1420—ab
Hematuria, of renal origin, (53) 640
of vesical origin in pregnant woman, (28) 1325—ab
vesical, (51) 2121
Hemianopsia, visual hallucinations on blind side in, (91) 320
Hemiplegia, intracortical, (65) 1335
two cases of infantile, (37) 1420, (98) 1602
Hemiplegic, Leyden's, (77) 1235—ab
Hemoglobinuria, case of quinin, or black-water fever, (3) 1959—ab
malarial, *1956, *1992
Hemogregarine of mammals (H. Balfouri), and notes on rats, (37) 1509
Hemolytic agent, probably member of purin group obtained from urine in case of pernicious anemia, (12) 1956—ab
Hemophilia, injections of sea water in, (91) 1956—ab
joint affections of, (4) 1320—ab
treatment of purpuric conditions and, *1020
Hemoptysis as sequela of epileptic convulsions, (20) 267
a suggestion in treatment of, (38) 207
in an infant, (42) 1421
treatment of, in pulmonary tuberculosis, (98) 227
vasodilatation in, (38) 724
Hemorrhage, amaurosis following acute anemia from, (70) 462
cerebellar, case of, *1516
concealed accidental, (4) 1857—ab
direct transfusion of blood in treatment of, *1493
early diagnosis of abdominal, *1277
early operation in traumatic intracranial, (36) 1329
fatal, from perforation of intestine by gallstone, (40) 238—ab
from stump following appendectomy, *2008, (62) 2030
from uterus during gestation, (70) 1320
in new-born, *1145
intestinal, and perforation, (111) 1419
into vitreous, (47) 2032
intraperitoneal, influence of intraperitoneal injection of warm sterile normal saline solution in, *1460
observations on surgical, (31) 535
points in diagnosis and treatment of accidental, (107) 2124—ab
postpartum, (16) 811, (114) 1138, (90) 2029
submucous, right vocal cords, (37) 1329—ab
spontaneous intracranial, associated with trigeminal nevi, *178
traumatic, into left lateral lobe of cerebellum; operation; recovery, (28) 967
treatment of, *189
treatment of, from digestive tract, (51) 1334
uterine, (54) 543
Hemorrhages, differential value of occult, in stomach affections, (43) 494—ab
etiology of punctate, in appendix, (76) 79
occult gastric, (33) 230—ab
occult, in typhoid, (16) 202—ab
ordinary, from kidneys, (75) 1601
retinal, in apparently healthy eyes, (122) 541
significance of uterine, of menopause, (44) 808
tubercular in miliary retinal, (128) 1691
unusual, in eclampsia, (23) 2176
Hemorrhagic discharge, symptomatic importance of, from ear, (99) 1962
disease of new-born, (80) 1768, (58) 1956
Hemorrhoids, (36) 720
etiology and treatment of, (107) 772
high, as cause for occult hemorrhage, (72) 1141
improved technic for operation for removal of, (31) 72—ab
individual excision and suture in removal of, (56) 809
office treatment of, (39) 239
simple operation for, (38) 464—ab
treatment of, (64) 1234
Hemostasis, Wyeth's method of, in amputation at hip and shoulder, (39) 461—ab
Heredity and environment as factors in life and disease of children, *760
as factor in life expectancy, (119) 806
in gynecology, (27) 234

Heredity, Mendelian, and its application to man, (1) 468
rôle of, in reducing degeneracy to man to minimum, (22) 1415
Hermaphroditism, rare case of, (39) 1956—ab
Hernia, abscess near base of bladder simulating femoral, (28) 208—ab
appendectomy through operative wound for radical cure of right inguinal, *1728
congenital, of linea alba, (24) 2155
direct abdominal, of traumatic origin, *1465
etiology and treatment of oblique inguinal, (4) 155—ab
femoral, herniated appendix, and suppurative appendicitis due to pin, (14) 155—ab
inguinal, (12) 205—ab
inguinal, of bladder, *281
inguinal, of ovary, (79) 78
into ileocolic fossa, (26) 2057—ab
intra-abdominal, (115) 1144
new method of utilization of sac in radical cure of, (40) 287—ab
of appendices epiploicæ, (76) 1251
of bladder, (13) 205, (112) 1394—ab, (54) 2025
of diaphragm, (138) 1146—ab
of ovary and tube, *1707
of ovary, inguinal, (79) 78
of vermiform appendix, probably infantile, and perforated by pin while in scrotum, (15) 155—ab
pectineal crural (Cloquet), (71) 488
proposed ovary in femoral ring, simulating strangulated femoral, (48) 968—ab
radical cure of femoral, (12) 542—ab, (36) 1652
radical treatment of inguinal, (21) 642—ab, (71) 2044—ab
rare variety of inguinal, (50) 2126
saccular theory of and radical operation, (16) 1956—ab
seven cases of, treated by implantation of prepared filigree of silver wire, (17) 811—ab
strangled, (40) 78
strangulation of appendix in hernial sacs, (20) 1656—ab
suppurating omental, (25) 1232
three hundred operations for, (10) 2120
torsion of omentum retrograde incarceration with inguinal, (42) 212
Hernias, classification of femoral, (72) 545
five years' experience with original filigree intended to prevent and to cure abdominal, *764
radical operation for large, (33) 1234—ab
Herniotomy, femoral, *781
Herpes, recurring, of nipple, (19) 78
Herpes-zoster auris, (19) 1229—ab, (89) 1685—ab
pruritis in, (99) 79
toxaltic, (58) 2126
High-frequency currents, physiologic and therapeutic actions of, with illustrative cases, (27) 812
spark in treatment of premature alopecia, (10) 459—ab
Hip, congenital dislocation of, *1004
congenital displacement, treatment of, (111) 1804
disease, conservative treatment of, (109) 1321
disease, diagnosis and differential diagnosis of, (41) 72
joint, spontaneous dislocation of, (21) 151—ab
joints, bilateral ankylosis of, (91) 1903
results from bloodless reduction of congenital dislocation of, (19) 1055—ab, (46) 2026—ab
treatment of arthritis deformans of, (86) 467—ab
treatment of congenital dislocation of, by incision, (20) 287—ab
Hodgkin's disease, case of, (33) 209
influence of x-ray in treatment of leukemia and, *1382
relation of, to lymphosarcoma, (34) 1354—ab
Homatropin hydrobromate, effects of full and of minimum doses of atropin sulphate and of, (72) 807
poisoning, case of, (75) 546
Homburg Spa, dietetic regulations at, (99) 974—ab
Home, hygiene of, (4) 1321
Homeopathy, plea for broader view of, (63) 1514
Honors that have come to medical profession in America, (35) 1330
Hook, use of, for freeing arm, (40) 1322
Hookworm, American (Necator Americanus), in Guam and China, (30) 1057
Horse serum, new toxic action of, (42) 1026
Hospital, observation, for mental disease, (15) 71
operative technic in Wesley, (24) 155
problem, *218
proper place for delivery and management of puerperæ, (25) 1566
reform in new light, (1) 1565—ab
report of year's work in gynecologic service of Samaritan, Philadelphia, including technic, (11) 718
service, observations in traumatic, including amputations, fractures, injuries of brain and spinal cord, (126) 74
Hospitals connected with medical schools, (2) 1565
cost of building, (63) 294
isolation, (55) 1597
small, for small places, (94) 309
state, for insane, their relation to public, (132) 1128
Housing problem as it is in Los Angeles (94) 1597
Huaco (mummy grave) potteries of old Peru (study in pre-Columbian pathology), (107) 970
Hud', case of Joseph, (33) 1966
Humerus, fractures of, (125) 722
injuries commonly associated with displacement of head of, (1) 154—ab
new splint for fractures of (54) 909—ab
supracondyloid fracture of, (10) 1329—ab
Huntington's chorea, (77) 728—ab
case of osteitis deformans with, (15) 1328—ab
Huxham, John, of Devonshire, (1692, 1768), (42) 1057
Hydatid disease, leucocytosis of, (34) 1316
Hydatiform mole, case of, (25) 2176
seven cases of, (33) 462
Hydramnios, acute, treated by tapping, (92) 2029
Hydrastis and strychnin, novel method of using in sexual and vesical weakness, *2145
Hydrastis canadensis and ergot, physiologic action of, on uterus, (54) 77—ab
Hydrocephalus, fetal, as cause of delay in labor, (91) 1418
surgical treatment of congenital, *30
Hydrochloric acid, significance of variation in stomach contents, (117) 970—ab, (61) 1229—ab
physiologically active, in stomachs of normal mice and mice suffering from cancer experimentally produced, (23) 1060
reaction to free, in stomach content, (61) 1925—ab
superiority of Petteruti test for, (60) 1252
Hydrocyanic acid poisoning, (68) 1565—ab, (69) 2029
Hydrogen dioxid, locating fistulas in lower intestinal tract by injecting, through anus, *1111
Hydronephrosis, perirenal, (60) 1335
Hydrophobia, case of, (60) 1230
causes of failures in Pasteur treatment of, (113) 1565—ab
Negri bodies in, *87
paralytic accidents observed under Pasteur treatment of, (108) 1964—ab
Hydrorrhea gravidarum, (30) 724 (83) 2123
Hydrotherapy of Rasedow's disease, (100) 548
old and new in, (41) 812—ab
some fundamentals in, (18) 2056—ab
Hygiene and sanitation, points in, of rearing children, (50) 721
influence of modern, on cities, (73) 814—ab
Japanese soldier's manual of, (47) 2041—ab
of home, (4) 1321
Hymenolepis diminuta, hymenolepis nana and, *2087
Hymenoptera, catalogue of Philippine, with descriptions of new species, (83) 970
Hyoscin hydrobromid and morphin, surgical anesthesia with, (16) 151, (61) 2029
Hyoscyamin and aconitin in treatment of fever accompanying suppuration, (107) 1597
Hyperchlorhydria, treatment of, (92) 1565—ab
Hyperemesis as indication for interruption of pregnancy, (100) 1959—ab
Hyperemesis, gravidarum, (115) 184, (71) 721
syphilitic in origin with spontaneous recovery, (77) 2039
Hyperemia, acute purulent otitis and mastoiditis, treated by artificially induced, of Bier, (45) 1157—ab
apparatus to induce, in head, (99) 1653—ab
artificially induced, as prophylactic for infected wounds, (77) 1963—ab
artificially induced in traumatic affections, (103) 2139—ab
experiences with artificially induced, (65) 1981
influence of artificial on healing of wounds of rabbits' ear, (47) 2176
influence of suction, on healthy eye and on eye affections, (96) 1954—ab
in pulmonary tuberculosis, (52) 1140—ab
passive, (135) 74, (85) 243—ab
passive in tuberculous synovitis of knee and infected wounds of palm, (86) 2122
study of Bier's congestive, from standpoint of endotoxin theory, (61) 730—ab
therapeutic value of artificial localized, in treatment of ambulatory or dispensary cases, (2) 808—ab
treatment of purulent otitis by congestive, (47) 1137—ab
Hyperesthesia of gastric mucous membrane and its treatment, (98) 300
vesical, (105) 810
Hypermetropia, high, (52) 1957
of 21 diopters simulating myopia, (123) 1594
Hypernephroma of kidney, (36) 538—ab, (62) 1856
Hypersusceptibility, *1007
Hypertension, disease of digestive organs in pathogenesis of arterial, (15) 459
Hypertropia, case of (44) 230
Hypochondriasis, diagnostic significance of, (69) 1971
Hypnosis, induction of, (9) 970
Hypnotic suggestion, treatment by, (42) 971
Hypnotism, motor neurosis treated with, (100) 804—ab
Hypodermics, diffusion of, (83) 902
Hypophysis, sleep and, (45) 226—ab
Hypospadias through five generations, (130) 154
Hypothermia, migraine and, in tuberculosis, (48) 901—ab
Hysterectomies, 144 abdominal, for fibromata, (25) 1333—ab
for large fibrocystic tumor of uterus; rupture of bladder wall; closure of opening by peritoneum, (127) 74
improved technic for total abdominal, (31) 302—ab
possibility of development of cancer in cervical stump following supravaginal, (11) 459—ab
renal retention of urine after vaginal, (34) 1060—ab
thirty-three consecutive, (27) 2125
total and subtotal abdominal, (34) 1059
unjustifiable, (110) 1321
Hysteria, association of, with organic diseases of central nervous system, (18) 234
case of epileptiform, probable result of necrosing ethmoiditis, (26) 1228
classical symptoms of, (14) 1594, (19) 1683—ab, (9) 1785, (7) 1853
definition of, (44) 725—ab
due to eye strain, (82) 1708
from point of view of dissociated personality, (15) 1328—ab, (18) 1415
major symptoms of, (15) 1956, (18) 2056, (17) 2120
ocular complications of, (38) 2176
simulating brain tumor, (45) 72
subnormal accommodation as manifestation of, (59) 2029
Hysteromyomectomy, utilization of broad ligaments in complete descent of uterus, and removal of uterine appendages, *1605
simplification of difficult, (92) 541
Hysteropexy followed by repeated pregnancies, (94) 1956—ab

I

Ice, composition of, (49) 813—ab
Ichthyol and its therapeutic value, (87) 2029
Icterus in pregnancy, (67) 130—ab
postoperative, (79) 815—ab
Ideals, student, (100) 1769
Identification, system of personal, by finger prints recently adopted for U. S. Army, *1175
Idiocy, amaurotic, family, (37) 2044
Ileocecal processes, tuberculous, (79) 1774—ab
Ileum, resection of, (37) 125—ab
Ileus, acute mechanical, (59) 1326—ab
caused by obturation of left flexure of colon, (62) 1772
delirium and death during convalescence from, (82) 209—ab
Ilium, fracture of anterior superior spine of, by muscular action, (14) 1953—ab
right posterior, (99) 541
Illegitimacy and education as a factor in prevention of criminal abortion, *1869
Immune bodies, gonococcus, (67) 1224
Immunity, (76) 312
agglutinins and precipitins, (15) 2176
Ball's recent views of study of, and comparison of protective inoculation with aggressin, with vaccination in plague, (67) 462
infection and, (76) 1507
ferment, (88) 1774
new terms for new conceptions in, etc., (83) 1454
theories of, (14) 2176
Immunization, active, against infectious diseases, (43) 643—ab
duration of, after injection of diphtheria antitoxin, (55) 1960—ab
Impressions of recent trip abroad, (92) 1769
Impotence caused by excessive consumption of bromo-seltzer, *908
Incisor, supernumerary, an Indian, (29) 76
Incontinence, urinary, *1447
Incubator, new model for, (77) 1861
Independence day, injuries of, *17
India, life and medical lore of mariner of, (26) 243
Indian service, plea for, for all ranks of corps, (30) 543
Indican and skatol in urine, (25) 211—ab, (42) 812
Indigestion, acute and chronic, (15) 1415—ab
chronic, (81) 722
surgical treatment of intestinal, (23) 1055, (67) 1137
Indo-China, official medical organization, (37) 812
three Pasteur institutes in, (47) 812
Inebriety, insanity of, (4) 1419
Infant feeding, (104) 1419
feeding, calorimetric principle in, (82) 1417
Infantile derangements due to improper breast feeding with suggestions for prevention and treatment of rickettsia and marasmus, (84) 1418
Infantilism, case of, (8) 1058
causes of, (84) 1424
sexual, with optic atrophy in cases of tumor affecting hypophysis cerebri, (56) 1768
Infants and young children, observations on care and treatment of, (144) 74
appendicitis in, (48) 2136—ab
appointment of qualified women with reference to hygiene and feeding of, (15) 722
bacteriologic and blood findings in bowel infection of, *2141
feeding of, during hot weather, (73) 71
further contribution to study of stools of starch-fed, *763
intestinal disturbances in, (88) 1232
method of artificial feeding of, in tropics, (59) 896
method of identifying, in lying-in-hospitals, (26) 2176
mortality of and its principal use—dirty milk, (5) 2175—ab
some unheeded principles involved in dietetic management of, during hot weather, *2081
study of stools of breast-fed, in relation to presence of starch enzyme, (29) 640
trend of pediatric opinion concerning artificial feeding of, *1052
value of small quantities of human milk in treatment of atrophy and infections of, *1004
Infection and immunity, (76) 1507
bacteriology of puerperal, (71) 77
cryptogenetic streptococcus, (67) 1967

Infection, determination of end of danger of, from patients who have suffered from infectious diseases, (42) 163—ab
frequency of tuberculosis, by way of digestive tract, (47) 973—ab
gonocic, in women, (7) 234
mortality from puerperal, (20) 838—ab
pneumococcal, during early life (3) 1598—ab
portals of entry and sources of, in tuberculous children, (85) 1229
primary pneumococcus, of digestive tract, (72) 160—ab
protection from cadaveric, (72) 1285—ab
puerperal, *424, (96) 1959—ab
route of, in female genital tuberculosis, (60) 2042
route of, of tuberculosis, (55) 241—ab
septic through fauces, (5) 1054
sociologic aspects of gonococcus, (72) 722
some phenomena of tuberculous, (90) 1958
sources of infectious agents and ways and means of, (63) 237
staphylococcus, (119) 548—ab
systemic, through tonsils, (3) 1054
to reduce possibility of, in abdominal surgery, (62) 724, (93) 1063
two cases of multiple, (7) 970
Infections and intoxications, menstruation as source of, (53) 902—ab
by bacterium coli communis with reference to urinary tract, (3) 232
influence of tuberculin on experimental, (112) 547—ab
plea for early surgical interference in pelvic, (3) 1853
Infectious disease of doubtful nature, *433
differential diagnosis of acute, (11) 1228—ab
influencing by vaccination, (52) 1800—ab
biologic diagnosis of, (62) 294—ab
importance of prevention of, in navy, with suggestion as to prophylactic treatment of some of acute exanthemata, (49) 294
rights and duties of municipalities in regard to, (119) 970
Inflammation, (107) 2029
relation of nerve impulse to cutaneous, 78
Inflammations, hot baths in treatment of superficial, (65) 214—ab
unilocular, of optic nerve and retina, *1
Inflammatory diseases, short, (74) 1059
processes, why and to what extent are anesthetic measures useful in? (79) 467—ab
Influenza, otitis media and mastoiditis as sequels of, (55) 826
severe complications of, (77) 910
Inhalations, therapeutic, of sulphurous gases, (74) 159
Inheritance factor in disease, (44) 2038
Injections, intratracheal and intralaryngeal, (60) 1418
intravenous nicotine, action of, on aorta of rabbits, (11) 2176
technic and results of epidural, (77) 78
Injuries commonly associated with displacement of head of humerus, (1) 154—ab
treatment of, of extremities by mechanotherapy, (7) 639—ab
Innocent, protection of, (7) 1491, *1895
Insane, boarding out, under administrative control, (76) 814
clinical study of, (35) 1156
delimitation of general paralysis of, (1) 1419
functional derangement of ears and upper air tract in, (1) 806—ab
further observations on pathology of general paralysis of, (75) 1137
nursing and care of our, (34) 1158
sense of shape and size in, (39) 2178
state care of, in New York, (59) 906
Insanities, unrecognized toxic, (63) 300
Insanity, adolescent, (dementia præcox), (127) 792
and murder, (6) 228
diagnosis of, by general practitioner and consequent duties which must devolve on him, (39) 1139
evolution of, (12) 1139
manic-depressive, and visceral disease, *1719
Insanities of childbirth, (1) 1959—ab
of inebriety, (4) 1419
treatment of acute, in general hospital, *83
Insects, bites of, (102) 209
Insomnia, types of, and treatment without drugs, *1825
Inspection, health, as applied to individual, *851
improved United States, of animals, meat, and meat food products, (16) 1512
international co-operation in, of emigrants and immigrants, (13) 1514
medical, and examination of school children in New York, (124) 970
medical, in public schools, (3) 718, (111) 958, (5, 6) 1321
Instrument, an, affording quick and safe method of entering skull with minimum destruction of bone and preservation of bone flap, (112) 970—ab
Insufficiency, aortic, (5) 238—ab
Insurance examination fees, life, (34) 1956
liability, (109) 237
life, in relation to medical profession, (97) 1597
professional syphilis and accident, (108) 1236—ab
syphilis in regard to life, (91) 74
tuberculosis and, (69) 894—ab
two factors in life, medical and family histories of applicant, (120) 898
Internal secretion and ductless glands, (9) 811, (14) 899
International Geneva conference, revision of, (44) 485—ab
Internist, difficulties of, (45) 1513
problems of, which concern surgeon, (116) 970
Intestinal anastomoses, series of, (58) 1057
disturbances in infants, (86) 1225
mucosa, phosphorous — containing elements in, (38) 1420
parasites, prevalence of, in Siam *1089
Intestine, acute localized inflammation of large, (28) 152—ab
anatomy and physiology of, (17) 2176
and œsophagus, stresia of, (115) 1964—ab
atresia of small, (105) 1964
bullet wounds of, (131) 154
button for intestinal anastomosis of, (67) 1141—ab
capillarity in intestinal sutures, *405
diagnosis and treatment of chronic catarrha of large, (58) 643
diagnosis of congenital stresia of small, (38) 642—ab
experimental study of internal treatment of, (36) 1223—ab
inflammation of diverticulum of, (32) 2136
invagination of, (51) 150—ab
multiple cavernous hemangiomata of, (115) 810
multiple diverticula in small, (141) 1966
myofibroma of large, (54) 810—ab
neurosis of, (56) 1230
new form of obstruction of. Methods for prevention of recurrence of volvulus of sigmoid flexure, (9) 208—ab
obstruction of, *778, (18) 811—ab, (62) 1857, (76) 1959
obstruction of, anatomy and pathology of, (33) 72
obstruction of, by band eighteen months after appendicectomy, (39) 724
obstruction of clue to gallstones, (106) 2124—ab
obstruction of, due to reflex nerve disturbance, (22) 209
obstruction of, in child, due to tuberculous peritonitis following bronchopneumonia, (7) 1511—ab
occlusion from volvulus of small intestine, (54) 1958—ab
occlusion of by Murphy button following resection of pylorus, (95) 2138
of infants, bacteriologic and blood findings in bowel infection, *2141
oiled silk to protect, in tamponing peritoneum, (73) 1517
operation of choice in chronic obstruction of, due to malignant stricture, (41) 1228—ab
operative treatment of cancer of large, causing dangerous intestinal obstruction, (55) 809
postoperative, obstruction consequent on visceral stab wounds of abdomen, (121) 1231
Intestine, prevention of acute diseases of, (8) 1956—ab
retrograde incarceration of (69) 1317
rupture of, (27) 2027—ab
stenosis of, (49) 2179
successful end-to-end anastomosis after partial disembowelment in runaway accident, *1269
surgery of, a year's experience in, (5) 2175—ab
surgery of large, (32) 997—ab
surgical treatment of obstruction, (69) 2121
surgically considered with reference to its sterilization, (44) 206—ab
technic of removal of tumors of large, causing obstruction, (33) 151
treatment of catarrh of, (56) 468—ab
tumors of, (94) 722, (55) 1818
two cases of resection of, with recovery of patients, (20) 235—ab
ulcer from stretching of walls of, with perforation, (66) 468
unusual case of obstruction of, (60) 540—ab
volvulus of small, in typhoid simulating perforation, (55) 809—ab
Intestines, extensive tuberculous ulceration of small, (10) 1959
hyperlastic tuberculosis of, (39) 997—ab
natural disinfection of, (92) 2045—ab
study of five cases of subcutaneous or concealed rupture of, treated by laparotomy, (59) 151—ab
Intoxication, study of, from tobacco, (48) 1139
Intoxications, clinical study of, (77) 902
Intubation of larynx in diphtheritic dyspnœa, (20) 311
Kuhn's peroral, (102) 1601—ab
Intussusception, (97) 722, (32) 1055, (118) 1231
acute, in young children, (27) 997
case of, illustrating fallacies and dangers of inflation treatment, (20) 1139—ab
chronic, with complete inversion of appendix, (25) 2040
subjected to operation, (28) 2027—ab
Iodida, therapeutic action of, (16) 1139
Iodin, action of, on atheroma of aorta induced by adrenalin, (55) 212
how does, act? (28) 155
percutaneous application of (100) 467
Iridocyclitis, (45) 2041—ab
Iodoform bone plowing, treatment of osteomyelitis with, *2000
in treatment of leprosy, (58) 294—ab
Iridotomy, unusual success from, in eyes practically blind from Iridocyclitis and complicated cataract, (8) 808
Iris, epithelial formation in, (69) 970
so-called leucosarcoma of, *418
Iritis, treatment of, and serous iritis by acetosone, (92) 1814
Iron, quinin and, in pneumonia, *272
therapeutic action of, (107) 1904
Irrigator, an intrauterine, (42) 236—ab
modification of Reese urethral, *1830
Ischuria, in patient with retrodeviation of gravid uterus, (40) 1855
Isopral, action of, (120) 2049

J

Jacksonian epilepsy as guide to focal affections, (58) 1140—ab
epilepsy due to brain tumor (87) 1459
Japan, combating plague in, (61) 462
Japanese army, preservation of health among personnel of, (33) 543
naval sanitation, (1) 804
Jaundice, (77) 1320
acute epidemic, (48) 1513
diagnostic features of surgical disease attended with acute, (1) 537—ab
six cases of epidemic, in young, (35) 380
surgical significance of, (10) 537
value of, as diagnostic factor in disease of biliary passages, (49) 1417
with special reference to its diagnostic value, (95) 380
Jaw, bilateral resection of upper, (47) 1427—ab
cysts in lower, (114) 2046—ab
double resection for correction of protrusion of lower (60) 1197
Jaw, osteoplastic operation on lower, (94) 74, (29) 1232—ab
retention of support of soft parts of nose in resection of upper, (74) 1317
Jaws, correction of defective closure of, (28) 1228—ab
rubber test and deformities of, (2) 1958—ab
Jejunum, peptic ulcer of, (44) 1140—ab
Johns Hopkins hospital dispensary, report of women's venereal department of, (118) 722
Joint contracture, gymnastic treatment of, by general practitioner, (101) 1018
diseases especially those of children, (6) 71—ab
ligaments, resistance to torsion of, (70) 548
practical points concerning certain injuries and diseases of, (108) 154
passive congestion in treatment of gonorrheal, affections of, (117) 548—ab
radiograms after injection of oxygen into, (39) 1141—ab
surfaces, crepitation of, (59) 1517
tissue of little finger, *2158
wounds (61) 390
Joints cure of tuberculosis of, (11) 967—ab
firearm wounds of, (87) 243
gonorrheal, infection of, (121) 74
pneumococcic infection of, (37) 1959
portable apparatus for ankylosis of fingers, (29) 2177
tuberculosis of, (58) 154, (79) 243
Journalism, independent medical, necessity for profession, (2) 228

K

Kala-azar, (42) 1959
Keloids, successful electric treatment of, (4) 632
Kane, Elisha Kent, a sketch, (87) 1857
Keloid, multiple, (41) 1767—ab
Keratitis, antipyrin, (71) 897
malarial, (57) 968
spirochæta pallida in experimental, (58) 1234
vesicular, with filamentous formation of detached epithelium, (9) 718
Keratosis obturans, *2051
Kidney affections, pathology of, (64) 1422—ab
and appendix affections, differentiation of, (68) 2127—ab
and colon suspension by use of nephrocolic ligament and Gerota's capsule, (97) 2178—ab
and liver in splenectomized animals, (110) 548
and renal pelvis, two cases of gonorrheal invasion of, (79) 2029
affections, physical measures in treatment of chronic, (5) 2176—ab
calculus and gynecologic conditions simulating ureteral disease, (84) 2030
changes in, after injury of spinal cord, (50) 902
changes in rabbit, after ligation of renal vein for two hours, (108) 1964
changes, transmission of, to fetus, (124) 548—ab
congenital cystic, *479
congenital cystic, rupture of cyst, (13) 294
diagnosis and surgical treatment of tuberculosis of, (37) 552, *1075
diseases, increased mortality from, in England and Wales, with reference to boron preservatives as factor therein, (26) 2041—ab
dropped, and its causal relation to other pathologic conditions, (75) 2030
encapsulation of in eclampsia, (62) 972
etiology and treatment of movable, (56) 968
fixation, technic of, (96) 2124—ab
floating, its significance and treatment, with reference to method of performing nephropexy, (28) 1234
functional activity of, (71) 1235—ab
functioning in congested of pregnancy and in eclampsia, (90) 974—ab
gonococcal infection of, (124) 74
hypernephroma of, (62) 1856
insidious affections of in young, (31) 2130
insufficiency of, principles of treatment of, (15) 2175
lavage of pelvis of, (112) 969, (82) 2029

Kidney, local eosinophilia of, (73) 841
modified operation for movable, (6) 857—ab, *1917
movable right, the most common cause of chronic appendicitis in women, (80) 2039
necrosis of epithelium of, in infections and intoxications, (120) 310
of pregnancy, (15) 1054
plastic surgery of pelvis of, (15) 811—ab
prolapse of, from gynecologic point of view, (83) 2039
reflex symptoms and referred pains caused by stone in, (4) 287—ab
secretion, reflex inhibition of, during cystoscopy, (60) 1861
tests, functional, (57) 2126—ab
three cases of, calculus diagnosis by Roentgen ray, (113) 1464
traumatism of ureter and pelvis of, (19) 234
treatment of tuberculosis of, and bladder by nephrectomy, *2047
tuberculosis of, *1735
tuberculosis of, in infant, (11) 2026—ab
Kidneys and appendages, diseases of, (37) 2008
diseases of, as indications for interruption of pregnancy, (97) 1959—ab
estimation of functional value of, (10) 1058
limitations of surgery in diseases of, (27) 209
ordinary hemorrhages from, (75) 1601
permeability of, in liver affections, (45) 2178—ab
rupture of both, with intraperitoneal hemorrhage, removal of all of left kidney and part of right, (34) 1513
surgery of, (33) 1222—ab, *1911
treatment of tuberculosis of, (50) 813
Killian's operations, (17) 1413
Kindergarten, effect of, on development of children's eyes, (36) 72
King's College Hospital, (18) 1508
Kitchen, wheeled, for troops in field, (91) 1827
Knee, internal derangement of, differential diagnosis and treatment, (28) 971
joint, access to, by anterior longitudinal incision, with section of patella, (44) 1516—ab
joint, operative treatment of irreducible luxations of semilunar cartilages of, (9) 1260—ab
passive hyperemia in synovitis of, and infected wounds of palm, (86) 2123
phenomenon, aid in eliciting, (58) 1902—ab
primary sarcoma of, (77) 845—ab
study of infections of, and their treatment, (19) 1526—ab
suppurative synovitis of, (109) 1138
Koplik spots, their relation and interest to laryngologists, (4) 1511—ab
Krauroais vulvæ, (27) 1333, (58) 1888—ab, (142) 1966
Kuhn's peroral intubation, (102) 1691—ab

L

Labor, (52) 1768
anesthesia in first stage of, (42) 838
induction of, (108) 841
induction of premature, and accouchement force in first 5,000 labors in obstetrical department of Johns Hopkins, (48) 1229—ab
injuries to child's head during, *1926
judgment and technic during, (23) 294
management of, (2) 208—ab
management of prolonged first stage of, (98) 1138
management of third stage of, (80) 2125
missed, (82) 801
pregnancy and, complicated by anterior fixation of uterus, *1828
prevention of difficult, (1) 209—ab
relief of pain in, (21), 1819
scopolamin-morphin anesthesia in, (60) 77—ab
some common varieties of obstructed, (37) 1055
statistics of 1,000 cases of, (26) 294
Laboratory diagnosis for practitioner, (101) 841, (97) 1220
of clinical pathology and its relation to practice of medicine and surgery, (77) 209
Labyrinth, inflammation, diagnosis and prophylaxis of, in otitis media, (58) 213
trephining the, for subjective sounds, (72) 242—ab
Labyrinthitis in secondary stage of syphilis (88) 841
Lacerations, technic of closing, in anterior and posterior segments of pelvic floor and perineum immediately after labor, (42) 2121
Lachrymal duct, experience in treating diseases of, without operation, (48) 721
gland, dislocation of, (26) 1594
Lactic acid in metabolism, *1804
La grippe, (105) 1331
Laity, how shall the, be educated on venereal diseases? (70) 810
Lamao forest reserve, vegetation of, (82) 979
La Médecine and **Le Médecin** in Molière, (17) 1512
Landry's paralysis, (102) 467—ab, (6) 725
case of, with recovery, (54) 1768
Langerhan's islands and diabetes, (43) 1234—ab
Language, medical, (74) 1234—ab
Laparotomies, drainage after, (63) 814—ab
fatal affections of gastric and intestinal mucosa after, (64) 77
for affections of uterus and adnexa in 1904, (22) 1052
to reduce possibility of infection in, (93) 1063
100 consecutive, with some general observations and a special reference to appendicitis, (1) 1955—ab
Laparotomy, exploratory, (100) 1220
Larrey, Baron, (58) 840
Larvæ, toxins destructive of, (95) 216—ab
Laryngectomy, thyrotomy versus, (49) 289
total, for carcinoma, (48) 840—ab
total, for recurrent epithelioma of larynx, (3) 462—ab
Laryngitis, rare form of tubercular, (23) 1228
treatment of tuberculous, (13) 2175—ab
what should be attitude of public? **anatoria** toward cases of tubercular, general plan of treatment in sanatoria, (20) 840
Laryngology and rhinology, recent advances in, (9) 1475
Laryngoscopy, art of, (87) 840
Laryngotomy in radical treatment of laryngeal cancer, (79) 1672—ab
Larynx, cancer of, (107) 840
displacement of, and trachea in thoracic affections, (88) 2128—ab
edema of, (99) 1220
indications and contraindications for intralaryngeal operation in tuberculosis of, (66) 220
intubation of, in diphtheritic dyspnea, (99) 811
laryngotomy, medical treatment of cancer of, (79) 1602—ab
papilloma of, from inhalation of **Asmus**, (22) 1228
papillomata of, in child, (5) 304, (7) 2184—ab
stenosis of, in children, opium in, (98) 1143
thyrotomy and laryngectomy for malignant disease of, (21) 2184
total laryngectomy for recurrent epithelioma of, (3) 462—ab
treatment of tuberculosis of, (51) 1062—ab
tumors of, (47) 2121
two cases of bone impacted in, (31) 1228
Lavage of pelvis of kidney, (112) 309
Law, our medical, (119) 1287
Laws, needed reforms in medical, of state of New York, (99) 1314
Lead in ice cream and ices, (116) 1220—ab
Legislation, medical, (80) 810
Leg, results of operative treatment of varicose veins of, by methods of Trendelenburg and Schede, (44) 1057—ab (105) 2020—ab
surgical cure of amniotic cord groove in, (79) 545
temporary splint for fractures of, (88) 156—ab
treatment of varicose of, with ligature of popliteal vein, (113) 847—ab
Leischman body, the gregarine stage of a herpetomonas, (98) 70
stain, two modifications of, (30) 1058
Leuhartz treatment of gastric ulcer at Eppendorfer Krankenhaus, Hamburg, (19) 892—ab
Lens, bilateral removal of, in high myopia, subsequent use of dionin, (42) 2176
capsule, punctate or hyaline opacities of posterior, (61) 1957
couching of, by native practitioners in India, (31) 1139
extraction of, in capsule; experience of 211 cases and method of recording cases, (17) 723
foreign body in crystalline, extracted by electric magnet, (37) 208—ab
Lenses, new integral or fused bifocal, (29) 1594
spontaneous dislocation of both crystalline, in two members of same family, (26) 1057
Leprosy and paraleprosy, conjugal, (53) 1772
Iodoform in treatment of, (58) 304—ab
new aspect of pathology and treatment of, (22) 1057—ab
transmission of, to monkeys, (49) 972—ab
Leptomeningitis, study of acute, (streptococcus pyogenes), *1271
Leptothrix, (34) 724
racemosa, botanical diagnosis of, and its relation to modern doctrine of bacteriology, (60) 1057—ab
Leucocyte-count, (54) 158
in inflammatory diseases of ear and temporal bone and in otitic intracranial complications, (74) 74
value of absolute and relative, as aid in medical and surgical diagnosis (99) 1220, (16) 2175
value of, in cases of appendicitis, (77) 1126—ab
Leucocyte reaction, experimental, to acute arsenic intoxication, (100) 1964
Leucocytes, classification of, (41) 1233—ab
effect of x-rays on, in blood and bone marrow in leukemia, (7) 462—ab
in asthma, (82) 236—ab
melaniferous, in diagnosis of malaria, (17) 234—ab
observations on life history of, (12) 209
neutrophile, qualitative change in, earliest sign of measles, (2) 2176—ab
Leucocytosis, artificially induced, (43) 240
artificial production of, in peritoneal infection, (87) 815—ab
of hydatid disease, (34) 1516
postpartum, with simultaneous splenectomy, (99) 79
Leucocytozoon, note on a, found in muraittus in Punjaub, (30) 1061
Leucosarcoma, so-called, of Iris, *1118
Leucotaxine, production of specific, in blood serum from use of Roentgen ray in leukemia, pseudoleukemia and lymphosarcoma, (73) 466, (99) 845, (93) 974—ab
Leukemia, acute lymphatic, clinical observations in case suggesting infection as etiologic factor, *926
anatomic, without leukemic blood, (47) 1061—ab
and pseudo-leukemia, spleen, lymph glands and bone marrow in, (14) 2177
case of mixed-celled, (36) 1667
chronic lymphatic, in child, (34)640
effect of x-rays on leucocytes in blood and bone marrow in, (7) 462—ab
exophthalmos in, (8) 2175—ab
histology of, (83) 1774
improvement of, by intercurrent infectious, (78) 1626—ab
influence of x-rays in treatment of, and Hodgkin's disease, *1202
influence of rays on nitrogenous metabolism and on blood in myelogenous, (41) 971
leucocyte ferment in spleen, lymph-glands and bone-marrow in (14) 2177
mast-cell, (56) 1472—ab
metabolism in, under Roentgen treatment, (49) 843-ab, (77) 2044-ab
myeloid, and x-ray, (84) 237
Roentgen ray in, (114) 847—ab, (46) 643, (97) 1062—ab, (46) 1516—ab, (118) 1775—ab
two cases of, (72) 902
two cases of lymphatic, (7) 1135
Leukoderma in 4 cases, psoriasis and eczema, (76) 1062
Leukoplakia of oral cavity, (72) 1234
Libraries, some benefits derived from medical, (71) 2020
Licensure, medical, (86) 970
Lichen planus, histology of, of mucous membranes, (45) 76
Lichen spinulosus, case of, (82) 1229
ruber planus of mucosa, (50) 1772
ruber pemphigoides, (57) 1772
Lid, angioma of upper, operation, (63) 1137
Lids, gangrene of both, after slight trauma of brow, (85) 840
Life, phenomena of, (65) 1514, (104) 1959
Ligaments, functions of uterosacral and round, (36) 808
shortening of round, or subperitoneal ventrosuspensorio fixation, (38) 1229—ab
shortening of round, within inguinal canals through single suprapubic transverse or median longitudinal incision, (35) 539—ab
Ligature holder, simple, (80) 1141
Light, action of, on ferments in absence of oxygen, (89) 243
action of ultraviolet, on enzymes, (40) 1332
and air, injurious action of, on milk, (46) 1421—ab
and air in chronic heart affections, (19) 2177
hunger, influence of, in production of psoriasis, (2) 1514—ab
in dwellings, (44) 1961
rays, (112) 722
treatment with, (126) 1966—ab
Lime, lack of, in central nervous system cause of eclampsia, tetany and spasmophilia, (90) 1863—ab
Limping, intermittent, (63) 2122—ab
Lip and tongue, early diagnosis of cancer of, (67) 73
distribution and treatment of epithelioma of lower, (23) 463
epithelioma of, (84) 815—ab
method of operating on, (3) 1882—ab
rapid cure of epithelioma of, (85) 1514
successes and failures in Roentgen therapy of epithelioma of, (104) 227
Lipemia, osteomalacia associated with, (69) 893
Lipoma, of pericardium, (9) 462
of uterus, (34) 2120
polypoid, of tongue, (24) 1229—ab
submucous, of colon, (117) 1519
symmetric, of backs of hands in Togo negroes, (97) 845
Lipomata, retroperitoneal perirenal, (34) 460—ab
Lips, eczema of, (101) 1225
mouth and nose, affections of, as seen by dermatologist, (27) 72, (67) 540
plea for more radical operations in cancer of, and tongue, *988
Liquid extracts, (57) 1772
Liquor, drinking of by school children, (97) 79
Lisbon and its medical congress, (52) 209
Lithemia, renal, (72) 972
Lithopedion, case of, (43) 1229—ab
Lithotomy, suprapubic, with enucleation of prostate in aged patient, recovery, (4) 2040—ab
Litigation, accident—popular graft, (21) 640—ab
Little's disease, (17) 895, (118) 1966
Liver-abscess, amebic, two cases of, (6) 155—ab
diagnosis of, (112) 216—ab
etiologic importance of ascaris lumbricoides, (61) 897
insufficiency of, (38) 2216—ab
in Sweden, (92) 903
probable rupture of into bronchus, (44) 1627—ab
solitary, (51) 809
tropical, (32) 156—ab, (29) 971
two cases of, treated by transpleural operation, (17) 1412—ab
Liver, acute atrophy of, from chloroform poisoning, *1191
alcoholism and, cirrhosis, (87) 1774
acute yellow atrophy of, (13) 78—ab, (18) 1129, (31) 2041
character of thrombi and necrosis of, produced by intravenous injection of ether, (48) 1957—ab
cirrhotic changes in, following a single injury, *984
degeneration of, from necrosis of pancreas, (75) 2044—ab
diagnosis of abscess of, (111) 216—ab
echinococcus cyst of, (32) 886—ab, (102) 810
examination of, (43) 1061
fatty degeneration in infected, (99) 244—ab
glycogen in, (80) 815—ab
histogenesis of primary cancer of, (102) 315

Liver, infection of, from appendicitis, (74) 722
local tenderness of, (58) 1088
necrosis and venous thrombosis in horses actively immunized with diphtheria and tetanus toxins and with streptococci and their products, (31) 1227—ab
protective action of, in regard to cholera toxin, (113) 1519
regeneration and adenoma formation in atrophy of, (103) 2045
regenerative changes in, study of experimental lesions in dog, (37) 1056
significance of various symptoms of insufficiency of, (38) 2178—ab
surgical treatment of ascites, secondary to vascular cirrhosis of, (17) 1360—ab
surgical treatment of hepatic cirrhosis with reference to biliary drainage of, (27) 208
syphilides of, (66) 844—ab
tardy hereditary syphilis of, (44) 76
tropical abscess of, (32) 158—ab, (29) 971
two cases of gastrosuccorrhea or gastric hypersecretion with atrophic cirrhosis of, (15) 719—ab
two cases of rupture of, (18) 2120—ab
wounds of, (22) 1765—ab
zone of rupture in, in heart disease, (22) 211—ab
Lobe, symptoms of, affections of frontal, (101) 1143—ab
Lobito-Katanga railway, some more obvious disease conditions seen on line of projected, (32) 1981
Lobo mountains, preliminary geologic reconnaissance of, Batangas province, (81) 970
Localization, problem of, in relation to head injuries, (19) 1227—ab
Lockjaw, an urgent plea for use of larger doses of antitetanic serum for, (5) 1134—ab
Longevity and means of attaining it, (61) 2040
Longevity, lessons in, (58) 682, (79) 722, (37) 1513
Looking backward, (97) 309
Lorenz operation, final results from, for bloodless reduction of congenital hip dislocation, (46) 2038—ab
Los Angeles, water and milk supplies of, (110) 841
Lovers as insane, (2) 718—ab
Lues as factor in general practice, (106) 841
differentiation of inflammation of retina and optic nerve in inherited, (80) 79—ab
venerea, question of origin of, among conquistodores in Mexico, (52) 806
Luffa egyptiaca mill, toxic principles of fruits of, (bitter variety), (36) 1961
Lumbar-puncture in diagnosis and therapeutics, (14) 287
in eclampsia, (88) 1142—ab, (35) 1333—ab
in treatment of nervous uremia, (80) 972
in tuberculous meningitis, (45) 1061—ab
its clinical value in intracranial complications of suppurative otitis media, (84) 1058
percussion of skull as means of placing indication for performance of, (18) 1226—ab
technics of, in children, with reference to pressure of cerebrospinal fluid, (12) 1869
Lunacy treatment, ten years', in Lewisham Infirmary, (10) 1230—ab
Lung, abscess of, after typhoid fever, (137) 74
aspergillus mycosis of, (68) 1423
causes of predisposition of apex to tuberculosis, (36) 158
chronic non-tubercular affections of, *359
hemoglobinophilia bacilli, disease of, (81) 2044
points in surgery of, (1) 290—ab
prognosis of tuberculosis of, (66) 2035
pulmonary abscess ending in recovery without operation; study by means of Roentgen rays, (76) 1418
pulmonary complications following abdominal operations, (29) 539—ab
simple method of expanding, after operation for empyema, (139) 74
surgery of, with report of case, (35) 2125
Lung, treatment of pneumococcic infection of, (111) 2039
tuberculosis of, early bacterioscopic diagnosis from scrapings of throat, (42) 1232
Lungs, abscesses in, (88) 206—ab
and bronchial glands, primary tuberculosis and anthracosis of, (97) 1691—ab
calculi in, (65) 242
clinical, anatomic and physiologic comparison of tuberculous cavities in, (39) 1506—ab
deep breathing as therapeutic and preventive measure in certain diseases of, (9) 987—ab
diagnosis and treatment of abscess and gangrene of, with reference to operation, (77) 1418
edema of, (1) 826—ab
erysipelas of, (95) 244—ab
fresh air treatment of acute respiratory diseases of with reference to pneumonia, (1) 233—ab
injections of specific tuberculous bacteriolysins directly into, (107) 546—ab
possibility of intestinal origin of anthracosis of, (125) 1626—ab
primary aspergillosis of, (77) 815—ab
suction mask to act on, (67) 1423—ab
surgery of, (89) 815—ab
syphilis of, (114) 74, (95) 154
treatment of hysterical contractures of, (111) 1626
Lupulin in treatment of gastrointestinal diseases, (2) 1134—ab
Lupus, erythematous, (40) 76
erythematosus in early childhood, (41) 729—ab
erythematosus, unusual forms of, (86) 214
of mucosa of upper air passages, (45) 729—ab
Roentgen ray in epithelioma, and tertiary syphilis, (21) 2036
vulgaris, combined resorcin and Roentgen treatment of, (58) 1517
Luzon, non-Christian tribes of northern, (34) 2176
Lymph glands, (76) 2127
glands in carcinoma of cervix, 973—ab
glands in carcinoma of uterus, (84) 1235
glands, of neck, (109) 810
Lymphadenitis, tuberculous, and its surgical aspect, (76) 1837
Lymphangiectasia in groin, (66) 2043—ab
Lymphangioma circumscriptum, (41) 1956
Lymphatic system in relation to disease, (80) 2123
tissues, diseases of, and their relations to appendicitis, (62) 486
Lymphatics, behavior of, in primary syphilitic infection in women, (42) 158—ab
growth of, in granulation tissue, (121) 810
in appendicitis, (47) 1329
of malignancy, (73) 1507
Lymphocytes, influence of, to white blood corpuscles, (53) 320
Lymphomatosis of salivary and lachrymal glands, (58) 1964
Lymphosarcoma of pharynx, (76) 2123
Lysol poisoning, (49) 294—ab, (53) 1082—ab, (99) 1964, (138) 1969
Madagascar, malaria in, (35) 812
Madura foot, mycetoma, observation in Paris, (27) 311
Magnets, affections caused by, (92) 79—ab
Magic foot drafts, *1628
Magnesium sulphate, treatment of tetanus by, (35) 1329—ab
Magnet, foreign body in crystalline lens extracted by electric, (57) 306—ab
in diagnosis in gynecology, (83) 78
operation, another successful, but with unusual termination, (24) 1506—ab
Malachite green as culture medium for typhoid and paratyphoid germs, (62) 1082
Malacoplasia, Hansemann's, and its relation to plaque-like tuberculosis of bladder, (98) 1774
Malaria, (115) 1230, (83) 1062
acute, in typhoid, (80) 159
and its transmission, (28) 805
and mosquitoes at Lucena barracks, Philippine Islands, (133) 238
and other infections, relations between, (110) 1964—ab
at Madagascar, (35) 812
etiology and prophylaxis of, (46) 971
Malaria, further report on measures taken in 1901 to abolish, from Klang and Fort Swettenham in Selangor, Federated Malay States, (20) 395
in Greece, (111) 1964—ab, (27) 2040
its nature and origin, (88) 1514
latent, (71) 1056
melanoliferous leucocytes in diagnosis of, (17) 234—ab
mixed, and typhoid, *358
negroes and, (131) 998
observations on; latent infection in natives in Philippine Islands, (65) 462
pathogenesis and prophylaxis of, (59) 1600—ab
systematic treatment of, among European troops, (32) 542
therapeutic action of splenic extract in, (2) 537—ab
treatment of, (50) 2042—ab
tropical phases of, (56) 1599
Malarial tremor, (41) 1139
Males, comparison of phthisical with non-tuberculous, (5) 155—ab
Malformation, peculiar congenital, *363
Malformations, x-ray in study of congenital, (1) 1662—ab
Malmoeides, Moses, (57) 1417
Malnutrition as factor in tuberculosis, (102) 227
Malta fever, ambulatory type of, (23) 76
Mamma, tuberculosis of, (70) 2127—ab
Mammary gland, tuberculosis of, (70) 902
gland, consideration of some of diseases of, (36) 2038
gland, tumors of, diagnosis, prognosis and treatment, (86) 1418
Manchuria, medico-military notes in, (23) 907
Man, moral evolution and psychologic studies of, (117) 2194
relation of to Nature, (61) 308
with whom you must live, (57) 2122
Mandragora, historical sketch, (11) 1504
Manganese, blood producing property of, (93) 1882
Marion-Sims, life and work of Dr. J., (39) 808
Marmorek's serum in surgical tuberculosis, (57) 1962—ab
Marriage annulment, Illinois legal procedure in for prior insanity, (113) 2124
contract, guarantee of safety in, *1867, *1901
physical and evolutionary basis of, *1886
should not safeguards from venereal disease be thrown around? (99) 810
Mask to protect face, (92) 1962
Masland saw, use of, for opening cranial vault, (40) 1506
Massage and exercise, history and value of, (107) 810
change needed in attitude toward its practice, (67) 810
vibration, its application to disease, (66) 1956
Mastoid, case illustrating effect of long continued pressure on interior of, by fluid of low infectivity, (16) 1135
cases with complications, (94) 227
diabetes and Bright's disease in relation to suppurative osteomyelitis of, (74) 540
disease, simulation of, (9) 1331—ab
dwarfed and deformed, sequel to imperceptible mastoiditis complicating chronic suppurative otitis media, (15) 1512
empyema, etiology and pathology of, complicating acute purulent otitis media, (102) 2039
inflammation, cavernous sinus thrombosis in children following, (66) 1695
operation, is it necessary to open antrum in every case of, (60) 1695—ab
operation, modification of simple, which shortens convalescence by facilitating wound repair, *1701
operation on, indications for and description of, (85) 970
operation on, modern, (8) 810
operation, radical, (31) 1627
operation, radical, modified to allow preservation of normal hearing, (14) 1513—ab
operation, technic in after-care of radical, 1045
operations, (46) 836
operations, simple and radical, under local anesthesia, (48) 1127
Mastoid process, necrosis of, (80) 722
surgery, new apparatus; (1) aseptic protective sheet for, and (2) practical algesimeter, *1632
tuberculosis of middle ear and, *1298
tenderness and pain, case of hysterical, without functional disturbance, (96) 2039
unusual growth of, fibrochondrosteoma of mastoid antrum, (62) 890
Mastoiditis, acute, complicated by ulceration and rupture of esophagus, (39) 1417—ab
acute, prevention, diagnosis and treatment, (4) 902—ab
chronic, (96) 1769
in boy of 13, (83) 1768
indication for operative interference in, associated with acute suppurative otitis media, (63) 2005, (71) 540
otitis media and, as sequel of influenza, (35) 836
preventive and abortive treatment of, (117) 1857
traumatic, (125) 1220
Mast-cells, leucocytes and lymphocytes, morphology and biology of, (73) 1962
Materia-medica and pharmacology, teaching of, (16, 17), 2125—ab
working bulletin system for collective investigation and classification of newer, (11) 2124
Material, to send, for examination, (91) 1424
Materialism in medicine, (87) 154
Maternal characteristics, inheritance of, by larvæ, (113) 975—ab
impression superstition, and why it survives, (115) 808
impressions, truth about so-called, (52) 1228
Matter, incessancy of rhythmic reiteration in organic, (25) 808
organic, peroxidizing of, (22) 640, (22) 719, (20) 807, (26) 895, (21) 967, (25, 29) 1136, (18) 1229
Maxilla, fracture of superior, successfully treated by interdental splint, (35) 2125
necrosis of inferior complicating typhoid, (85) 2123
treatment of fracture of inferior, with description of splint, *934
Mayos, a visit to the, (121) 74
Meals, small frequent, in treatment of certain biliary affections, (13) 1135—ab
Measles in adults, (108) 1230
qualitative change in neutrophile leucocytes earliest sign of, (3) 2176—ab
recent studies in, (56) 308
study of spread of epidemic of, (68) 160—ab
Measurements, apparatus for corporal, (74) 2127
Meat diet, influence of excessive, on growth and nutrition, (11) 542—ab
inspection of, standard of government, (65) 227
juice, raw, in malassimilation in children, (36) 1961—ab
Mechano-therapeutics, therapeutic effect of sound waves of, or ear, (14) 305
Mechanotherapy, treatment of injuries to extremities by, (7) 639—ab
Meckel's diverticulum, clinical experience with, and other vestiges of omphalomesenteric duct, (36) 460—ab
Media, fluid, for cultivation of anaërobies, (90) 1082
Mediastino-pericarditis and its surgical treatment, (58) 241—ab
Mediastinum, tumors of, Roentgen treatment of, (90) 1951—ab
Medical acts, desirability of amending, (16) 1059
and teaching professions, how may they coöperate to improve moral, mental, and physical condition of young? (16) 1065—ab
attendance on working classes, (13) 301
council, general, its powers and its work, (18) 1515
department of Japanese army, (15) 986
lore, life and, of natives of India, (88) 243
men, relations of, to their patients, (1) 810
organization, (119) 1230
profession, conclusions from comparison study of status of, in Great Britain and United States, *1043

Medical sciences, unit of, (14) 1325—ab
specialism with reference to proctology, *1265
studies, new degree of superior, (41) 724
study, preparation for course of, (86) 1229
thoughts, facts, fads and fancies, (29) 719
Medication, electrolytic, (57) 1686
palatable, (7) 1054
phosphatic, (29) 311
Medicinal agents, choice of, for topical use in gynecology, (95) 1418
Medicine and surgery, borderland of, as exhibited in stomach, (1) 841—ab
—ab
business side of practice of, (87) 227
commercialism in, (40) 72
emergencies in the interval, (121) 841
errors in, as a science, (29) 1507
history of clinical, in British Isles, (29) 2040, (34) 2125
how progress comes in, (56) 895
in Logan County, Ohio, from 1808 to 1842, inclusive, (30) 227
Irish school of, (47) 1057
is internal, a failure? (111) 810
modern scientific, and its relation to Union University, (48) 982
old and new in, in Indiana, (108) 154
popular, in eighteenth century, (49) 1057
popularization of, (67) 227—ab, (60) 461
position of dermatology in, (44) 1060
preventive, (102) 970, (65) 1886
progress of, in Philippine Islands, *245
prospects of western, in China, (36) 1060
skepticism in, (68) 1137
some leading men and events in history of American, (117) 722
substance and shadow in, (51) 1768—ab
tasks of historian of, (122) 1691
thoughts on decade in, (122) 1321
Medicis and Borgias, victims of, in France from medical standpoint, (109) 722
Mediterranean-fever, bacteriologic examination of the cases of, (20) 70
existence of, (42) 542
prevalence of, among British troops in Malta, 1905, (18) 899, (22, 23) 1509
reports of commission for investigation of, (24) 542
sera, examination of blood to determine if other than, would agglutinate the M. melitensis, (25) 543
Melanosarcoma, of choroid and orbit, (70) 970
of ovary, (32) 972
Menière's disease, advisability of eliminating terms, and Menière's symptoms from etiologic nomenclature, (36) 307—ab
Meningitis, (123) 722, (49) 1768
cases of, with isolation of diphtheria bacillus from cerebrospinal fluid, *2138
curability of tuberculous, (119) 1550—ab, (127) 1692—ab
epidemic, of twenty hours' duration, (30) 834
lumbar puncture in tuberculous, (45) 1061—ab
operative treatment of purulent, (109) 1920
postoperative, (94) 1695
serous, mistaken for brain abscess, (85) 541
spinal, serous, (39) 1060
three fatal cases of, with peculiar ear symptoms, (92) 1695
transmission of epidemic, (32) 2177
tuberculous, (123) 541
Meningocele, of unusual size, (37) 809—ab
Meningococci in healthy throats, (52) 725
Meningococcus, poison of, *174
Menopause, balneotherapy in complications arising during, (56) 543
significance of uterine hemorrhages of, (44) 808
Menstrual cycle, its normal and morbid psychology, (93) 1857
Menstruation, apparent cervical, (107) 808
as source of infections and intoxications, (33) 903—ab
causes of painful, in young girls, (122) 154
during pregnancy, (36) 1328—ab
gleanings concerning, (10) 689
Menstruation in case of hysteria, chlorosis and heart affections, (85) 1518—ab
its significance with particular reference to recent literature, (30) 234
vicarious, left internal otitis, (72) 76
Mensuration of child in uterus with new methods, *1979
Mental affections, family groups of, (111) 1144—ab
affections in inhabitants of cities (110) 1143—ab
affections, non-recognition of, (99) 1226—ab
disease, comparative study of types of, for general practitioner, (50) 640
disease, pre-insane stage of acute, (16) 1686
disease, what can general practitioner do in early recognition and cure of, (67) 1418
disorder, hospital treatment of curable cases of, (2) 1769—ab
disturbance, observation hospitals or wards for early cases of, (17) 987
disturbances, ear affections and, (35) 1416—ab
Mercurial cream, preparation of satisfactory, for intramuscular injection, (21) 542
salts, affections of, (67) 1772
Mercury, comparative speed efficacy of intravenous method of administering, in syphilis, (42) 1313
dosage of salicylate, in intramuscular treatment of syphilis, (35) 543
fatal poisoning by external application of bichlorid of, *1494
histochemical demonstration of, (128) 547
in relation to tests for occult blood, (101) 816—ab
in body, (89) 1902
intravenous injections of, as therapeutic test in diagnosis of syphilis of nervous system, (36) 154, (36) 720
light therapy, (98) 2045
localization of, in system, (97) 244—ab
quartz-glass-lamp, action of, (76) 1062
salicylate, routine treatment of syphilis with intramuscular injections of, (18) 1594
Mercyism, (102) 154
Mesenteric vessels, embolism and thrombosis of, (76) 1429—ab
Mesentery, cysts in, (114) 1144—ab, (75) 1772
Metabolism, action of chalybeate waters on, (75) 1062
faulty, in young children, (99) 1857
in exophthalmic goiter, (91) 1518
influence of blood glands on, (66) 1814
in leukemia under Roentgen treatment, (49) 843—ab, (41) 971, (77) 2044—ab
lactic acid in, *1804
nitrogen, in tuberculosis, (34) 208
of healthy child before and after weaning, (53) 1860
perverted, with reference to liver functions, (61) 154
x-rays in, (70) 1062—ab
Metal radiation, (104) 468—ab
Metatarsal, bone fracture of base of fifth, by indirect violence, (32) 1513
fracture of fifth, by inversion, (10) 805
Metatarsalgia, (38) 1513
Meteorism and reflexes, (102) 2129
Methylene-blue, eosin stain for blood and tissues, (97) 1256—ab
franda, *1607
in inoperable cancer, *1545
in treatment of inoperable cancer, (90) 1229
test of urine, (68) 155
Methylthionen hydrochlorid in inoperable cancer, *1545
Metritis, chronic, 308—T
Metropolitan board of health, report of, 948
Metrorrhagia, occurrence of, after menopause in case of ovarian tumor, (10) 158
Metz's method for estimating activity of pepsin, (36) 1694
Metzenbaum, M. ether-air anesthesia or drop method for administration of ether, 1652—O
Meyer, W., osteoplastic resection of costal arch to reach vault of diaphragm, 1065—O
Michigan checks disreputable advertising, 513—E
Micrococcus tetragenus album, serious anemia from, 1520—ab
Micro-organisms, modifications of virulence of, by cultivation in other species, (118) 975—ab
study of nature of, found in mouths and throats of healthy persons, (29) 1694—ab
Microphthalmus, with upper-lid cyst, (103) 1837
Microscope in diagnosis, (135) 808
Microscopic preparations, relocation of special points in, (99) 1143—ab
Microsporon canis, dermatomycosis from, (46) 76
Middle-ear, cure of chronic suppuration of, without removal of drum or ossicles or loss of hearing, (10) 811
suppuration, treatment of intracranial complications of, *1290
Midwifery, regulation of, (62) 77
Midwives, examination of, (37) 1338
Migraine, (36) 807, (60) 245
and hypothermia in tuberculosis, (46) 901—ab
gastrointestinal disturbances associated with, (19) 1512—ab
treatment of, with cannabis indica, (74) 1418
Miliary fever and rats, (40) 1961—ab
fever, epidemic, (111) 1775—ab
Military medical arrangements in Canada, present status of, (6) 1769
Militia, suggestion for greater efficiency of organized, (53) 806
Milk, as infant food, (68) 721
chemistry of, (67) 721
choice of cow's, (2) 1593
commission, report of, of Suffolk District Medical Society, (20) 2130
dangers that may lurk in ordinary, and duty of physician to educate public and authorities to necessity of pure milk supply, (17) 1125
does bacterial content of city, influence infantile death rate? (32) 1128
economy in producing and marketing certified, (109) 541—ab
favorable results of feeding infants with peptonbrase, (85) 2044
how to obtain normal aseptic, (22) 642
in infectious diseases, *1614
injurious action of light and air on, (46) 1421—ab
laboratory and its relation to medicine, (12) 1508
modified, the percentage plan, (94) 2036
new Babcock, testing bottle, *204
problem from sanitary standpoint, (41) 133
public supply of pure or specially prepared, for feeding of infants, (8) 809
pure, (71) 810
precipitins of cow's, found in infant's blood, (43) 725—ab
residual nitrogen of human, (105) 1021
role of pure cow's, in infant feeding, (21) 388, (101) 810
simple device for working directly with percentages in home modification of cow's, (9) 538—ab
simple method for quantitative determination of proteids in, (50) 1417—ab
sodium citrate as modifier of cow's, *1241
supplies, rural city, and their relation to infant feeding, home modification versus laboratory modification, (78) 722, (108) 808
supply, Louisville's, (65) 721
supply, increase of power of local authorities with regard to, (10) 809—ab
supply, present aspects and needs of, of Baltimore, (103) 309
supply, sanitary control of, (1, 2, 3) 1331
value of small quantities of human, in treatment of infantile atrophy and infections of infants, *1904
variation in fat percentage of mother's, as factor in feeding, (30) 640, (127) 1250
whole, versus laboratory milk, *1087
wrong and right use of, in certain diseases of skin, (10) 1514
Milka, principle of top, (8) 2120
Mind and matter, (4) 74
dangerous influence of overtaxing girl's, particularly at puberty, (67, 69) 1307—ab
in medicine, (8) 1419
Mindoro, notes on birds collected in, and in small adjacent islands, (94) 970
Mineral springs, radioactivity of, (105) 974
substances, part played by, in physiology of organism, (46) 1516—ab
Mineral waters, bactericidal action of radio-active, (25) 642
waters, changes in concentration of urine and blood under influence of, (40) 1060
waters, physical laws and influence of, on stomach functions, (49) 724
Mirror, use of small, in studying apex beat, *1958
Miscarriage and its treatment, (55) 2038
Mitral-stenosis, false, (38) 784—ab
mechanical effects of experimental, and insufficiency, (116) 810
pathogenesis of, (34) 2178—ab
study of, (28) 1956
Mole, Bremshematom, (32) 307—ab
hydatidiform, (70) 237, (25) 2176
Molière, cap and gown in, *1557
Monilethrix, anatomy of, (46) 1772
Monocerebalus tetrabrachius tetrapus, *2150
Monolateral deafness, functional examination of hearing with tuning-forks in, with deductions on bone conduction and function of sound-conducting apparatus, (58) 390
Monster, dicephalous, *1738
Morax-Axenfeld, diplobacillus of, *255
Mormon-Bishop pills, *1624
Morphiomaniac, on trial for murder, (133) 725
Morphin addiction, medicolegal features of, (48) 465
administration of, in abdominal section, (35) 1516
in stenosis of esophagus, (102) 1143—ab
poisoning from opium or, in 7-weeks'-old baby, *2
scopolamin, spinal anesthesia preceded by, (96) 243—ab
withdrawal of, in severe chronic affections, (108) 467
Mortality, causes of, of illegitimate children, (99) 79
factors which have lowered operative, and improved postoperative results, (100) 2134—ab
infantile, and employment of married women in factory labor before and after confinement, (9) 809
infantile, and its principal cause—dirty milk, (3) 2177—ab
social-factors in causation of infantile, (10) 842
Mosquito doctrine, requirements of, (96) 1857
rôle of, in etiology of fevers, (43) 2038
trap, electric, (38) 812—ab
Mothers, leaflet to give to young, (107) 1603—ab
Motor-driver's spine, (17) 392—ab
Mountain climate and sea air in children's affections, (32) 642
sickness as observed in Andes, (120) 808
Mouse tumors, morphology of, (111) 468
tumors, study of, (104) 974
Mouth breathing in relation to mental and moral hygiene, (67) 390
breathing, its causes, effects and correction, (108) 1507
cleanliness, (17) 1338
disinfection in prophylaxis and treatment of pneumonia, (32) 1766—ab
Mucous plaques; prophylaxis and treatment, (128) 541
Mud bath, study of, (122) 1520
baths, experiments with physiologic, (43) 1060
Mumps, blood changes in, (81) 1138
lean diabetes as sequel to, (38) 1139
Munde, presentation of portrait of Dr. Carl Fortunatus, (13) 1765
Murder, scientific, (113) 722
Murmurs, origin and significance of continuous venous, (42) 2178
Murphy-button in gastrointestinal surgery, (75) 205—ab
occlusion of intestine by, following resection of pylorus, (95) 2128
Muscle fibers, wax-like transformation of, (99) 2128
implantation of, to repair defect in long bone, (94) 816—ab
transplantation in infantile paralysis, (73) 1423—ab
traumatic laceration of inferior rectus, (71) 970
Muscles, diagnosis of paralysis of individual ocular, simplified, (60) 73
ossification of, after single trauma, (31) 1223
Muscular-atrophy, progressive, of cervicobulbar type occurring with cervical rib, (7) 1327
Museum, medical, (8) 1511
Musical instruments, effect of blowing on wind, in tuberculosis, (4) 1327—ab

Mutism, in typhoid, (98) 1857
Myasthenia angio sclerotica, (63) 2122—ab
gravis, *1909
Mycosis fungoides, histology of, (51) 1772
Myelitis, (8) 191—ab
of pregnancy, (30) 1774—ab
Myeloid transformation, (48) 1421
Myeloma, (82) 1774
Myiasis, (90) 1514
dermatosa, (45) 1956
intestinal, (116) 1776—ab
Myocarditis, diagnosis and treatment of chronic, (58) 236
in acute infectious diseases, (114) 1419
so-called spontaneous focal, and occurrence of calcification of degenerate muscle fibers, (118) 810
Myocardium, degeneration of, in hot climates, (6) 238—ab
Myoclonus, congenital, with nystagmus, (46) 543—ab
epilepsy, with autopsy, (10) 1220—ab
Myofibroma of large intestine, (54) 810—ab
Myoma, conservative operations for, (74) 213
diffuse, with beginning carcinoma in hyperplastic uterus mucosa, (78) 1256
results of operative treatment of, (84) 973—ab
sarcoma and, of stomach, (34) 1684—ab
of uterus, (84) 2128
Myomata, uterine, complicating pregnancy, *1777
when to operate for uterine, (62) 814—ab
Myomectomy, (30) 463
abdominal, (31) 1059
during pregnancy and labor at term in elderly primipara, (5) 2124—ab
Myrobalans, poisoning by, (40) 1859
Myxedema and growth of skeleton, (74) 1601
two atypical cases of, (69) 1063

N

Narcolepsy, case of, from specific infection transmitted through five generations, (31) 858—ab
Narcosis apparatus, regulating, (87) 1953
Roth-Drager's apparatus for gas, (96) 545
Narcosomania, reflexes from eye in, (71) 309
Nargol in acute gonorrheal prostatitis with involvement of vesical neck, (94) 1514
Nasal cavity, stab wounds of, (113) 2120
contour, restoration of, external and internal, (135) 541
disease, cerebral complications secondary to (41) 806
fossa, large fibroadenoma of, (84) 541
passages, clinical observations concerning, and relation they bear to organs of sight and hearing, (17) 1052—ab
Nasopharynx, congenital membrane in, *956
treatment of sarcoma of, by injections of adrenalin, *420
National department, economic advisability of inaugurating, of health, *1003
Formulary, *1328
Nauheim baths, artificial, in chronic heart cases, (2) 1054—ab
baths in gynecology, (55) 1230
Navel, packet of aseptic materials for care of, and eyes of new-born child, *1830
Nebraska state hospital for crippled, ruptured and deformed children, (91) 1229
Neck, lymph glands of, (109) 810
Necrosis of mastoid process, (80) 722
Needs of body on Sunday, (29) 1060
Negri bodies in hydrophobia, *87, (46) 1860—ab
Neoplasm, five cases of, (21) 463—ab
Neoplasms of colon, *825
rare, in female urethra, (26) 1234
acute, treatment of, (102) 722, (19) 971, (85) 1138
Nephrectomy, treatment of tuberculosis of kidney and bladder by, *2047
two cases of calculous pyonephrosis with, (32) 1956
Nephritis, acute, (2) 838—ab
acute, after use of Peruvian balsam, (56) 845—ab
addenda to therapeutic measures in certain forms of, *1976
blood pressure and influence of food in experimental, (54) 1146
Nephritis, cardiac hypertrophy as observed in chronic, *1354
chronic catarrhal, (37) 1767
complicating typhoid, (101) 722
diagnosis and treatment of chronic, (103) 722, (100) 970
diagnosis of different forms of, and unreliability of nitric acid tests, (75) 209
effect of dry diet in, (30) 1232—ab
etiology of acute, (104) 722
experimental researches on surgical intervention in, (80) 1418
injections of sea water in, (77) 972
interstitial, (110) 1959
interstitial, and cirrhosis of suprarenal capsules in infant six weeks old, (18) 1858
mild course of arteriosclerotic, in aged, (54) 241—ab
ocular manifestations of, (99) 722
operations for, (66) 814—ab
pathology of chronic, (129) 154
prevention of scarlatinal, (79) 1857
prevention and treatment of acute, (73) 1418
severe, in pregnancy, (91) 1602
surgical treatment of chronic, (70) 972
symptoms and diagnosis of acute, (100) 722
treatment of, (50) 241—ab
treatment of acute, (102) 722, (19) 971, (85) 1138
uremic, (71) 214—ab
Nephrolithiasis, *926
Roentgen treatment of, (78) 2123
Nephropexy, floating kidney, significance and treatment, with reference to method of performing, (38) 1684—ab
new technic of, (36) 152—ab
Nephroptosis in splanchnoptosis, (110) 74
Nerve, case in which spinal cord of rabbit was used to bridge gap in musculo-spiral, (31) 971
fibers, regeneration of, (126) 547, (112) 2130—ab
grafting for peripheral facial paralysis, 1434—ab
impulse, relation of, to cutaneous inflamation, *9
ulnar, as landmark of elbow, (16) 1228—ab
Nerves, distribution of afferent, in skin, *946
firearm wounds of peripheral, (70) 2043
of blood vessels, (103) 237
subcutaneous injuries of, (21) 858—ab
Nervous affections after gynecologic operations, (51) 241—ab
affections, examination of blood in, (66) 1517
affections in puerperium, (77) 1513—ab
and mental diseases, clinical analysis of 979 cases of, (30) 74
and mental diseases, relations of gastrointestinal tract to, (15) 807
diseases, etiology of functional, (125) 1129
disease, prophylaxis of, with reference to educational influences in growing child, (75) 1418
system, advances in surgery of, considered from standpoint of neurologist, (9) 1414
system, cancer metastasis in central, (105) 1519—ab
system, demonstrations on diseases of, (28) 1859
system, microscopic changes in, in chronic dourine, (6) 810
system, technic of operations on central, (3) 270—ab, (24) 1136—ab, (124) 1331—ab
system, theory of typical degeneration of, (61) 465
system, wear and care of, (88) 1769
Neuralgia, (43) 720
avulsion of terminal branches of trigeminal nerve for cure of trifacial, (113) 970—ab
facial, and subcutaneous operation on infraorbital nerve, (80) 309
is, functional disease? (5) 388—ab
nasal disease and, *741
neurectomy for, (120) 548—ab
osmic-acid injection for trifacial, (56) 236, (69) 2043—ab
Roentgen-treatment of, (88) 903—ab
surgical treatment of trigeminal, (30) 1227—ab
Neuralgias, deep alcohol injections in facial and other, and in histrionic spasm, (14) 75, (23) 2120
selection of remedies for, (132) 74
Neurasthenia, (82) 722, (1) 1764—ab
as modified by modern conditions, and their prevention, *1816
border line cases of, (28) 2123
Neurasthenia, climatic treatment and balneotherapy of, (80) 1602
conception of, (78) 1601
gastric, (15) 1602
its nature and treatment, (2) 290
modern views of, and its treatment, (81) 810
non-reason founded phobias of, (111) 2124
prognosis and its relations to medical selection, (47) 461
uterus and ovary of, (100) 74
Neurectomy for neuralgia, (120) 548—ab
operation of optico-ciliary, (37) 2125
Neuritis, alcoholic multiple, (30) 206
multiple, diagnosis and treatment, (103) 1058
multiple motor, including Landry's paralysis and lead palsy, (1) 387—ab
peripheral, (153) 74
pseudo-optic, (28) 1595—ab
puerperal lumbar, (80) 315—ab
83 cases of descending optic, probably result of pneumococcal infection, (73) 462
x-rays in, (11) 1415—ab
Neurofibrils, lesions of in pathologic states, (56) 308
Neurofibromatosis, diffuse, (107) 1863—ab
Neurologist, public obligations of, (75) 807
Neurology, growth of, *1337
Neuroma, plexiform, of orbit, (55) 153
Neuromata, multiple, of skin, *1810
Neuromyelitis, optic, (86) 256
Neuroses, (104) 290
alcohol and, (100) 1601
motor, treated with hypnotism, (100) 904—ab
of stomach, (134) 309
Neurosis, anguish, (41) 2125—ab
cardiac and exophthalmic goiter, (112) 1603—ab
of heart and arteriosclerosis in consequence of trauma, (47) 394—ab
traumatic, (68) 902
Nevi, spontaneous intracranial hemorrhage associated with trigeminal, *178
New-born, hematoma of, *274
hemorrhage in, *1145, (66) 1288
New York, history of medical society of state of, (43) 153, (58) 233, (103) 810, (89) 1229, (63) 1705, (124) 2124
needed reforms in medical laws of state of, (89) 1514
state care of insane in, (59) 308
Nicotine injections, intravenous, action of on aorta, (11) 2176
Nile bolls, (35) 1362—ab
Nil desperandum as article of refractionist's materia medica, (118) 1419
Nitrite of amyl, mechanism of therapeutic action of, (23) 1231—ab
Nitrogen evolved from alkaline sodium hypobromite solutions, (50) 1957
residual, of human milk, (105) 1691
Nomenclature, obstetric, (104) 90—ab
proteid, (6) 1139
Nose, accessory nasal sinuses and pneumococcus infections of, *1561
accessory sinuses of, certain factors in diagnosis and treatment of suppurative affections in, (11) 2029
anatomy of accessory sinuses of, (12) 2040
and throat examinations, new shield for use in, *776
and throat, relation between disease of, and those of general system, (105) 237
case of primary syphilitic infection in, (84) 390—ab
conservative treatment of supplemented disease of accessory sinuses of, (79) 1063
diagnosis of inflammatory diseases of accessory sinuses of, (56) 1127
empyema of accessory sinuses of, (80) 154
inflammatory, obstruction as etiologic factor in production of sputum, (20) 2124
malformations and diseases of nasal accessory sinuses, (98) 1330
mental symptoms due to disease of, (4) 1955—ab
morphology and embryology of, base of vertebrates, (99) 1685
nasal disease and neuralgia, *741
obstruction of, cause of deafness, (73) 300
obstruction of, importance of early recognition of, and its relation to later respiratory disturbances, (18) 1765
operations in sarcoma of, with plea for more extended use of electrocautery in suitable cases, (60) 2030
Nose, operative treatment of deviated septa of, (91) 2123
operative treatment of, (75) 727
remarkable osteocalcareous tumor in, *271
removal of malignant tumors in, through upper jaw, (90) 545—ab
resection of septum of, for primary tuberculosis, (50) 902—ab
retention of support for soft parts of, in resection of upper jaw, (74) 1517
sarcoma of, (72, 73) 1085, (7) 2120
saw and sinus opener for intranasal operations, (71) 813
septum of, submucous resection of, (68) 1768, (8) 1955
septum of, treatment of deviations of, (5, 6, 7) 2040—ab
skiagraphy as aid in diagnosis and treatment of diseases of accessory sinuses of, (13) 2040
some recent rhinologic achievements and tendencies, *162
systemic disturbances secondary to pathologic conditions in, (119) 1138
throat and ear, effect of tobacco on, (41) 239
unilateral secretion, obstruction and pain in foreign body in, (62) 902
what is present status of operative treatment of deviation of, septum? (67) 1685
Nostrum evil, attitude of physician toward, (122) 970—ab
evil, physician's responsibility for, *982
Nostrums and fraudulent methods of exploitation, *1546, *1622
and proprietary medicines, (28) 719—ab
Nothnagel's clinic, notes from, (105) 1419, (108) 1691
Nothnagel's yellow mucous granules, nature of, in infants' stools, (38) 1430
Nuclein, rôle of, in animal economy, *1200
Nucleoproteids in septic affections, (91) 974—ab
Nurse and house physicians, directions for, Burnside Lying-in Hospital, Toronto, (102) 1597
plea for square deal for wet, *1909
trained, in public schools as a factor in education of children, (42) 1685
Nursing bottle, standard, (88) 545
Nursling consultations, results of, (35) 229
Nutrition during first year, (119) 722
in various dermatoses, (38) 1771—ab
Nystagmus, congenital myoclonus with, (46) 543—ab
head nodding with, in infancy, (6) 641
toxic, (72) 1601
unilateral rotary, (51) 1957—ab

O

Obesity, (65) 810
and its complications, treatment of, (66) 1229—ab
cures, *1627
dietetics of, *820
food, *1627
thyroid treatment of, (101) 974—ab
Obsessions, hallucinatory, (43) 393
Obstetric amenities, (39) 307
aseptic antisepsis, (60) 1229
cases, two recent, (53) 1857
experiences, (4) 723—ab
incident, an, (60) 1058
measurements, simplification of technic of, (103) 1519
Obstetrician, dark and bright side, (91) 2029
more rational practice of, by general practitioner, (32) 154
review of progress in, (73) 1294
scopolamin-morphin in, (50, 75) 1852—ab
teaching of, (3) 970—ab
year's work in, (71) 1418
Obstipation, acidity of gastric juice in case of chronic, (34) 1430
Occipito-posterior positions, treatment of persistent, (15) 1765—ab
Occult blood, improved technic for detection of, (52) 1234—ab
hemorrhage, high hemorrhoids as cause for, (72) 1141
hemorrhages, significance of so-called, in diagnosis of ulcer and carcinoma of stomach, (13) 689—ab
Occupation, hints and helps in choice of an, (131) 1139
Ochronosis, (51, 52) 844—ab
Ocular injuries from glass and stone, (67) 397

Ocular insufficiency and some of its results, (9) 1054
manifestations in intracranial diseases of otitic origin, (79) 1000
muscles, senile atrophy of, (116) 975—ab
muscles, transient paralysis of, after spinal anesthesia, (78) 1234
rotations, axioms concerning, *323
symptoms of nasal origin, (95) 1085
therapeutics, value of x-rays in, *934
Odor as guide in treatment of chronic suppuration of middle ear, *1733
Officer, medical, and the line, (60) 1513
Ohio State Medical Association, report of president of, (32) 721
Oil of tansy, poisoning from, *309, *1917
Olecranon, fracture of, (69) 737—ab
Ombuta, bite of (clothe ariciana, gray), treated with potassium permanganate, recovery, (12) 71
Omentum, experiments on great, (25) 308
functions of, (55) 685—ab, (25) 2027—ab
primary sarcoma of, (32) 480
torsion of greater, (30) 1855
torsion of, retrograde incarceration with inguinal hernia, (62) 212
Open air treatment at lying-in hospital, (21) 2170
Operating and office table combined, *2180—O
room, to improvise an, (31) 1429—ab
rooms, construction and equipment of modern, (52) 1961
Operation, history of mastoid, *22
report of four cases showing results of Killian's, *1485
operations of unusual interest on women, (62) 721—ab
recent surgical, (69) 1418
saw and sinus opener for intracranial, (71) 813
Operations, plastic, on thorax, (7) 2177—ab
Ophthalmia, gonorrheal, in children, (73) 1857
neonatorum, (84) 890—ab, (72) 488, (101) 1857
neonatorum, septic infection following, (21) 1524
neonatorum, silver acetate to prevent, (122) 1036
Ophthalmic practice of present time, *485
sins of hospitals, (78) 1085
subjects in Talmudic literature, (73) 897
Ophthalmology, plea for more catholic and broader views in, (6) (12) 2026
review of, (38) 1956
Ophthalmoscope as aid to general practitioner, (5) 387, (42) 389
two cases illustrating value of, as aid in diagnosis of cause of brain lesions, (42) 1329—ab
Ophthalmotrope, model for new, the goniscope, some phases of ocular motility, (6) 718—ab, (13) 806
Opisthorchis sinensis, anatomic characteristics of, and statistics of its occurrence in United States, (89) 1857
Opium, a practical study, (78) 1514
comparison of effects of alcohol and, (74) 309
in stenosis of larynx in children, (98) 1143
poisoning from or morphin, in 7-weeks'-old baby, *776
Opsonic factors, their estimation and use in therapeutics, (32) 469
theory, (66) 2030
theory and its practical application to medicine and surgery, (5) 200—ab
therapy, clinician's observations of, (6) 2025
Opsonic-index, effect of bodily exertion on, of healthy persons, (3) 541
in medicine, *1723, *1793
in typhoid, *2150
(Wright and Douglas) in tuberculosis, (23) 807
note on, (28) 1420
observations on and antipneumococcal power of blood in pneumonia, (28) 1705—ab
of tuberculous patients undergoing sanatorium treatment, (6) 201—ab
Opsonins and aggresins, (96) 227
and bacterial vaccines, (9) 2124
Optic nerve, treatment of progressive atrophy of, due to acquired syphilis, *823
neuritis, two cases of, (30) 1897
Oral cavity, relation of systemic diseases to conditions of, *324
sepsis in operations on throat, (24) 1696
Oration on surgery—Medical Society of New York, (45) 389
Orbit, endotheliona of, (72) 970
epitheliona of, (25) 1504
foreign body retained in, for nearly four years, (32) 724—ab
plexiform neuroma of, (55) 133
Orbits, bilateral gumma of, in child of eight years, (74) 402
Oregon National Guard at San Francisco disaster, (90) 1857
Organization, (81) 1857
how remedy the defects of, (95) 1418—ab
medical, (80) 897, (119) 1220, (86) 1418—ab, (114) 1207
medical societies of New York county with reference to need of better, of medical profession, (9) 2055
Organizations, to what extent should insurance, educate their insured as to healthful living, (114) 227
Organotherapy, advantages of combining with other measures, (53) 543
latest in, (68) 513
Orient, message of, (32) 1136
Orientation or change to an eastern appearance, (12) 220—ab
Orientation, electrical, in spinal anesthesia, (6) 287—ab
Ornithodoris, Moubata, Murray; a disease-bearing African tick, (92) 300
habits of, (21) 543
Orthocystoscopy, (105) 1602
Orthodiagraphy, development of, (94) 306
Orthopedic armamentarium, contributions to, (24) 2041—ab
surgery, scope and aim of, (115) 1410
Orthopercussion and relative heartdulness, (84) 1518—ab
Osmic acid injection for trifacial neuralgia, (56) 238, (69) 2045—ab
possible danger in the therapeutic use of, (6) 966—ab
Osmosis in physiology and pathology, (19) 649
Osniculoscope, technic of, (66) 1058
Osteitis, tuberculous, (81) 1768
Osteitis-deformans, (92) 908
with Huntington's chorea, (15) 1322—ab
Osteoarthropathy hypertrophiante pneumique, (96) 1964
Osteogenesis, imperfect, (31) 896, (4) 1508—ab
Osteoma, two cases of, of orbit successfully treated by operation, (26) 970
Osteomalacia associated with lipemia, (40) 896
case of, (28) 1859
in, thyroid affection? (44) 543—ab
pelvis and ovaries in, (80) 2128
Osteomyelitis, acute, of temporal bone, (68) 540
of femur, (50) 308
purulent, acute and subacute, of spine, (73) 2043
treatment of, with iodoform bone plugging, *2090
Osteopath, (69) 1514
Osteoplasty, combined superior tibiofibular and astragalo-fibular, to prevent shortening of leg after osteomyelitis of tibia during adolescence, (40) 1339—ab
Osteotomy, lever for, (82) 1233
Otitis and mastoiditis, acute purulent, treated by Bier's induced hyperemia, (45) 1137—ab
four fatal cases after purulent, (51) 1137
interna sinistra hemorrhagica; vicarious menstruation, (72) 74
media acuta suppurativa post morbillos, contribution to etiology of, (5) 718—ab
media, acute therapeutic, with reference to etiology, (30) 643
media and mastoiditis as sequel of influenza, (55) 808
media and mastoiditis, postural treatment of, (27) 1854
media as complication or sequel of scarlet fever, (32) 469
media, aspiration of tympanic cavity in, (93) 1033
media, diagnosis and prophylaxis of labyrinth inflammation in, (36) 313
media, modern treatment of chronic purulent, (29) 1703
media, purulent, clinical value of blood examination in, and its complications, (92) 1056
Otitis media, results from radical operation for chronic purulent, (65, 86, 87) 1885—ab
media, streptococcus mucosus as cause of acute, (131) 975
media, treatment of acute suppurative, (31) 1058
media, Vincent's bacillus and spirillum, causal agent of chronic suppurative, necessitating radical operation, (34) 1330
mineral water sprays in, (46) 813
steam treatment of, (46) 812
treatment of, (89) 2045—ab
treatment of purulent, by congestive hyperemia, (47) 1137—ab
what cases of chronic purulent, require the radical operation? (73) 74
wryneck from, (32) 900—ab
Otogenic pyemia, (67) 813
Otology, dangers to, (3) 1139
recent progress in, (9) 1053
in relation to rhinology and laryngology, *1809
Otoprojectoscope, (122) 1220
Otorrhea, how to manage, (127) 841
importance of treatment of chronic, (2) 1092—ab
Otosclerosis, nature of, in light of heredity, (88) 2020
Ottawa test colony, (126) 225, (65) 1229
Ourselves as others see us, (85) 722
Ova, twin, (60) 1668
Ovaries, anatomy of, before puberty, (30) 2043
conservative operations on, (37) 539—ab, (90) 1128, *1449
microscopic findings in rabbit's after Roentgen exposure, (58) 77—ab
Roentgen exposure of, during pregnancy, (87) 1142—ab, (28) 2177—ab
transplantation of human, (74) 1963—ab
tubes, and remains of uterus, behavior of, after total or partial removal of uterus in rabbits, (80) 1236
Ovariotomy, remote results of, (60) 1600—ab, (57) 2043—ab
Ovary and tube, hernia of, *1707
bilateral metastatic carcinomata, (61) 1601—ab
cystoma of, (84) 2128
cystomata of, infection of, (49) 1228
cysts situated above superior pelvic strait, complicated by pregnancy, (50) 1229—ab
fetich of, (29) 1055
large gelatinous tumor of, (33) 1056—ab
melanosarcoma of, (82) 972
physiologic variations in structure of normal, and chronic odphoritis, (57) 77
rare forms of dermoid of, (90) 314
removal of an enormous tumor of, (10) 1128—ab
superficial papillioma of and its relation to cystadenoma, (103) 1774
teratoid tumors of, (64) 1600—ab
tumor of, with chorionepithelioma-like metastases in peritoneum, (66) 77
tumors of, is it permissible to remove in sections? (94) 1602—ab
when ovarian cystomata should be removed without puncturing or opening, (50) 968
Over-feeding and under-feeding, metabolic aspects of, (93) 2124—ab
Over-nutrition and under-nutrition, (8) 1769—ab
Overwork, signs of, (52) 1140—ab
Ovum, possibility of embedding of, above internal os, (104) 1774
Oxaluria as cause of prostatic and urethral disturbances, (36) 1767—ab
Oxidation, administration of drugs concurrently to retard and to stimulate metabolic, (6) 420—ab
Oxygen in gynecology, (38) 1028—ab
radiograms after injection of, into a joint, (59) 1141—ab
Ozena, removal of crusts in, (36) 2178—ab

P

Paget's disease of nipple, (19) 811, (37) 1771—ab
disease treated by x-ray with report of microscopic findings, (42) 307—ab
Pain, (105) 1321
meaning and mechanism of visceral, (1) 288, (5) 816—ab
significance of, in gynecologic diagnosis, (120) 839
sudden abdominal, its significance, (60) 308, (65) 309
Palate, cleft, (91) 243
explanation of alveolar cleft, (31) 1688
mixed tumor of soft, (22) 1328—ab
perforation of soft, to tertiary syphilis, staphyrrhaphy, (6) 2025
Palawan Island, notes on collection of birds from, (36) 2176
Palmar arch, injury to superficial, (85) 1197
Palsies, etiology of cerebral in children, *2139
Paley, isolated, of right external rectus, *274
Paltauf's streptococcus serum, treatment of puerperal fevers with, (62) 1600
Panas' operation, cases illustrating, (49) 308
Pancreas, syphilis, functional, (97) 1422—ab
and diabetes, (68) 243
carcinoma of, (115) 2130
complete removal of multilocular cystic tumor of, (12) 135—ab
disease of, (60) 238
postoperative fistula after pancreatic hemorrhage, (97) 1602
Pancreatic disease, nucleus test in, (49) 1957—ab
Pancreatitis, acute, cause of, death in, (74) 2043
acute hemorrhagic, (23) 971
acute hemorrhagic, following obstruction of bile papilla, (117) 910
relations of, to cholelithiasis, (39) 540
Panophthalmitis, metastatic, (97) 1220
Paper-making, Philippine fibers and fibrous substances; their suitability for, (60) 452
Papilloma of larynx from inhalation of flames, (32) 1328
of larynx in child, (5) 204
of plica semilunaris, (30) 1586
superficial, of ovary, and its relation to serous cystadenoma, (103) 1774
unusual, of larynx in child treated by local application of formalin, (7) 2124—ab
Papillomata, operative treatment of laryngeal, in children, (16) 643
Paracentesis, improved technic for, (48) 313—ab
of pericardium, (13) 1685
Paraffin injections for deformities of nose, (104) 2130—ab
plates as aid in operations for extensive symblepharon, *560
prothesis, (50) 1402—ab
prothesis, histopathology of, (44) 1957—ab
Parakeratosis variegata, case of, (39) 1767
Paralysis, comparative frequency of, (94) 545
relative value of surgical procedures for relief of, following acute anterior poliomyelitis, (50) 1137
Paralysis, acute descending, Landry's, (58) 1057
agitans, treatment of, (98) 1418
bilateral abducent, with intense pain in back of neck, after spinal anesthesia, (67) 1434
delimination of general, of insane, (1) 1419
diagnosis and treatment of progressive, (90) 1901
during croupous pneumonia, (70) 727—ab
four cases of chronic strophic, (13) 1685
further observations on pathology of general, of insane, (75) 1137
immunity of syphilitic to general, (39) 543
muscle transplantation in infantile, (73) 1423—ab
negro's eyeball-sign of facial, (28) 902
nerve grafting for peripheral facial, (79) 1434—ab
of cricothyroid muscle, (80) 903
of facial nerve due to Eustachian electro-bougie, (28) 1854
operative treatment of infantile, with especial reference to neuroplasty, (6) 824—ab
pathologic study of seven cases of, without gross anatomic change, *1708, *1713
permanent, after spinal anesthesia, (66) 727—ab
postoperative gastric, (4) 1705—ab
principles of treatment of spinal, of children, (81) 1434—ab
pseudobulbar, (94) 306
spastic, of children, (66) 243
sudden, of pharynx, *1927
surgical traumatism and facial, (69) 901—ab

Paralysis, two cases of abductor, (14) 2040
two cases of left abducent, after spinal anesthesia, (67) 726
unilateral ascending, and unilateral descending paralysis, (63) 808, *1626
Parametrium, careful study of, in 27 cases of carcinoma of cervix, and its clinical significance, (22) 1513 —ab
Parasola, (67) 1330
acute, exhibiting cyclical relapses, (31) 308
Parapancreatic cysts, *2079
Paraplegia, (Pott's) 450
compression, (29) 2041—ab
exercises in treatment of spasmodic, (37) 393—ab
Parasite, new intestinal, of man; paramelæ hominis, (26) 809—ab
Parasites, prevalence of intestinal, in Siam, *1080
Parasthyroid affections, (65) 1422—ab
glands, surgical relations of, (15) 1959
Paratyphus, ptomain poisoning and, (32) 1422—ab
Parenchymatous keratitis, treatment of, (66) 1064—ab
Paresis (38) 1417
blood pressure in, *1241
sphincter reflexes in tabes dorsalis and, (78) 807
Paris medical world, miscellany from, (83) 1418
Parotid, abscess of in puerperal septicemia, (24) 2176
abscess of, simulating mastoid abscess, (29) 72
Parturient, new frozen section of body of, drying at expulsion period, (9) 315—ab
Parturients, protection of, (88) 314 —ab
Parturition, mechanism of, with frontal presentation and mento-posterior expulsion, (81) 1336
value of time and natural uterine efforts in, (62) 138
Pasteur treatment, causes of failures in hydrophobia, (112) 1965—ab
treatment, paralytic accidents observed under, of hydrophobia, (108) 1964—ab
Patella, compound fracture of, tabulation of all fractures in Boston City Hospital in 42 years, (9) 1853 —ab
mechanical treatment of fracture of, (49) 226—ab
treatment of fractures of, (22) 807, *1177, (51) 1507—ab
Patent and proprietary remedies, (138) 732
Pathologic Institute of Berlin, (38) 1059
Pathology and bacteriology, progress in, (77) 1088
and general medicine, relation between, (87) 1760
and physiology, *549
certain phases of recent work in, review of recent work in clinical, sputum, gastric contents, feces, (19) 1765
Patients, dietetic observations on, (66) 1459
importance of more careful observation of, after operations on pelvic viscera, (76) 722
individual care of, at health resorts, (93) 1062
Pediatric outlook, *297
Pediatrician, opportunity of, *729
Pedicle, three cases of twisted, (17) 1126—ab
Pelvic cavity, drainage of, of male in peritonitis, (31) 1513
disease, case illustrating association of, with appendicitis, (30) 989
disease, chronic headache associated with, *1525
girdle vs. abdominal bandage, (87) 910
measurement, simplification of, (85) 1147
organs, operation on, during pregnancy, (114) 909
organs, review of surgery of female, (41) 230—ab
viscera, importance of more careful observation of patients after operations on, (76) 722
Pelvis, anatomic, experimental and clinical researches on operative enlargement of, (32) 240—ab
and perineum, plastic operations of (60) 1141
capacity of small, (65) 972
measurement of, (60) 1234—ab
plastic operation on, (81) 1142 —ab
promontory of, (45) 1139
Pelvis, simplified measurement of, (105) 1149
smallest contracted, among 80,000, (80) 1235
Pemphigus, case of, limited to mucous membrane, *1738
neonatorum, (73) 1326—ab
vegetans, (44) 307
Penis, extirpation of, with resection of scrotum, (65) 1141
plastic induration of, (97) 2045
technic of partial amputation, (67) 972
Pennsylvania, physician, his rights, duties, and liabilities under laws of, (37) 899
Pennsylvania's chance to provide outdoor work for thousands of convalescents, (133) 1139
Pentosuria, essential, in two brothers, (29) 1416—ab
intermittent, and stercobilinuria, (12) 558—ab
two cases of, (92) 1519
Pepsin, Mett's method for estimating activity of, (36) 1084
Peptic ulcer, (91) 1774—ab
ulcer, case simulating, (22) 893—ab
Percussion findings, graphic representation of, (80) 236—ab
Pericarditis, (119) 1857
adherent, in children, (34) 158—ab
and aortic valvular affections, relations between, (97) 1962
following head injury, (17) 1770 —ab
case of purulent, (125) 541
effects of, on heart, *1479
general symptoms and physical signs, mechanical effects of fluid distension of sac, (54) 1886
in childhood, (7) 641, (20) 1332—ab, (23) 1967
tuberculous, with presentation of specimen, (146) 74
Pericardium, adherent, with ascites, (33) 2037
lipoma of, (8) 462
paracentesis of, (13) 1885, (17) 1966
Pericolic inflammation, causes, sequels and treatment of, (2) 1857—ab
Perinephritis as cause of symptoms simulating stone in kidney, (45) 1957
Perineum, female, and its repair, (92) 1419
neglected incomplete rupture of, and its cure, (38) 240—ab
Periosteum, observations on extensive separation of, in displaced bone fragments, (46) 2121
Peritoneum and lymphatic system, rôle of, in abdominal surgery, (45) 153—ab
care of primary carcinoma of, (113) 468
to enhance resisting powers of, in cancer operations, (91) 1142
Peritonitis, acute septic, (19) 1959
cure of tuberculous, *1193
differential diagnosis and clinical significance of, (8) 235, (29) 1885
diffuse, from perforation in course of tuberculous intestinal processus, (30) 156—ab
drainage of pelvic cavity of male in, (31) 1513
etiology, prognosis and indications for surgical treatment of tuberculous, (39) 1956
management of acute diffuse septic, (119) 868, (49) 869—ab
more common forms of acute, (142) 74
pathogenesis, etiology and pathology of, (50, 58) 1956
pneumococcic, (56) 1956—ab
pneumococcic, in children, (10) 75 —ab
treatment of diffuse suppurative, following appendicitis, (1) 2035—ab
treatment of tuberculous, (30) 239
tubercular, (129) 74, (4) 1134
what has surgery left to medicine in treatment of, in adults and children, (5) 1135—ab
Perityphlitis, complications in blood vessels during, (62) 466
Peroneus, compensating hypertrophy of, in old dislocation of tibia, (30) 812
Peroxid of hydrogen, catalytic action of colloid silver and permanganate to enhance action of, (79) 1816 —ab
of hydrogen in examination of sputum, (117) 1492—ab
Personality, dissociation of, (98) 1297
Pertussis, intubation for severe paroxysms of, (99) 1760
Peru, Huaca (mummy-grave) pottories of old (study in pre-Columbian pathology), (107) 979
Peruvian balsam, acute nephritis after use of, (88) 542—ab
Pessary, stem for amenorrhea and dysmenorrhea, *2133
Pessaries, uses of, (7) 229—ab, (12) 808, (133) 1501—ab
Pfeiffer, bacillus of, in pleurisy and peritonitis, (41) 2178
Phagocytosis of red corpuscles, (27) 1768—ab
of typhoid bacteria, (30) 1809—ab
rôle of, in pneumococcid action of pneumonic blood, (36) 1229 —ab
studies on, *280, (92) 1139—ab
Pharmacopeia, an imperial, (8) 1139
coming revision of, of United States, *1969
Pharmacy, plea for more thorough course in practical, in medical schools, (22) 1227—ab
Pharyngotomia suprahyoid, (72) 1141, (70) 1517
Pharynx and tonsils, diseases of, due to faulty metabolism, (114) 1857
congenital fistula of, (27) 541
disturbances of, produced by voice use, (19) 2124
erysipelas of, (18) 807
lymphosarcoma of, (76) 2125—ab
significance of edema of, (124) 1220
sudden paralysis of, *1967
technic of tubation of, to facilitate administration of anesthetics and to prevent inhalation of blood in mouth and face operations, (48) 539—ab
Phenobromate, *125
Phenomena, photodynamic, (47) 1233
Philadelphia County Medical Society —its problems of the future, (109) 970
Philippine acanthaceæ, new, (27) 2176
asclepiadaceæ, new, (32) 2176
burmanniæ, new, (33) 2176
coals and their gas-producing power, (35) 2176
ferns, new, (28) 2176
fibers and fibrous substances; their suitability for papermaking, (60) 462
fungi, a list of known, (31) 2176
gramineæ, notes on, (29) 2176
Islands, progress of medicine in, *245
Philippinenses, myrsinaceæ novæ, (30) 2176
Philosophy, bearing of, on psychiatry, (11) 1962
Phimosis, circumcision in treatment, (125) 1965
Phlebitis following aseptic abdominal operations, (59) 1768
Phleboliths, in tube fimbriæ, (92) 1336
Phlegmona, gas, (90) 2128
Phloridzin kidney test, (34) 1233—ab
Phosphates in therapeutics, (46) 1139
Phototherapy of affections due to parasites of blood, (80) 2044—ab
Phthisis, albuminosis of, (62) 1418
Phthisis, influence of rainy winds on, in 23 parishes of North Devon, (1) 1857
notification of pulmonary, (8) 542
pulmonalis, early diagnosis and treatment of, (59) 1897
some factors that predispose to, (3) 1134
throat and nose in relation to, (18) 239
tuberculin in, (97) 1143
Physical behavior, relations between, and action of drugs, (107) 978 —ab
Physician, advantages and disadvantages of being, (120) 1321
and some of his duties, (110) 722
and truth, (28) 311
as independent therapeutist and prescriber, and opponent of quackery in general, (29) 239—ab
attitude of, toward nostrum evil, (123) 970—ab
and physical development of children under his care, from infancy to adolescence, (62) 597—ab
duty of, in regard to tuberculosis, (104) 2039
family, as children's specialist (126) 154
his rights, duties, and liabilities under laws of Pennsylvania, (37) 899
ideal attitude of, toward alcohol as medicine, food, and beverage, (20) 2038
mental attitude of, toward tuberculous patient, (37) 540
of to-day, (25) 540
relation of, to sanitation and hygiene, (12) 2038, (115) 1139
practical discourse to embarking, (57) 462
Physician should be interested in politics, (99) 239
Physician's duty to fellow practitioner, (28) 1220.
Physio-chemistry in relation to therapeutics, (34) 1321
Physiology, certain phases of recent work in pathology and, *549
pathologic, (15) 1220
some points in uterine and ovarian, and pathology in rabbits, (1) 541 —ab
teaching of pathologic, (112) 810
Phytolacca decandra, report on, (81) 1397
Pigeon-toe, simple method of correcting, (72) 2122
Pile cure, fifteen minute, *1889
Pituitary body, hypertrophy of, with cyst formation in acromegalia, (41) 308
Pityriasis rubra, case of, (8) 1515 —ab
case of, of Hebra's type, (43) 307
pilaris, arsenic in, (40) 720
Placenta, Bossi's dilatation in premature detachment of, (31) 1142
premature separation of, from its normal position, (91) 1138
site of, with regard to birth, (41) 240
Placenta-previa, (90) 1068
cervicalis, (67) 77
etiology, symptomatology and diagnosis of, (89) 1068
successful delivery of twins in, *1301
treatment of, by Cesarean section, (134) 980, (85) 228—ab, (60) 2122 —ab
version in, (85) 1063
Placentation, physiology and pathology of, (89) 1602
Plague, account of, in Bengal, (24) 1515, (30) 1902
combating, in Japan, (61) 462, (47) 1859
date of appearance and duration of bacillus pestis in peripheral blood in bubonic, in India, (29) 543
effects of rat extermination on incidence of, in selected area in Azamgarh City, (26) 1139
epidemiology of, (15) 1059, (32) 1516, (36) 2125
fighting, in Japan, (5) 234
how, is spread, (21, 23, 35, 27) 1139
in Madras, (24) 1139
natural history of, (22) 1139
rat killing for prevention of, (29) 1139
studies in, (23) 812
study of a case, (30) 1420—ab
Plants, new or noteworthy Philippine, (97) 1418
Plaster-of-Paris and how to use it, (125) 1965
casts, proper preparation of, in treatment of fractures of extremities, (112) 893
Plasters, Ordonez's, *1888
Pleura, paravertebral resonant triangular area in pleuritic exudates of, (39) 212
pleuritic exudates in children, *1296
Pleurisies and pericarditis, treatment of, (56) 1885
Pleurisy and appendicitis, (48) 2178 —ab
and pericarditis, diagnosis of effusive, (55) 1885
with effusion and pulmonary tuberculosis, (3) 969—ab
Pleuritis, epidemic, rheumatic, (106) 815
general symptomatology and physical signs of, (53) 1956—ab
Pleuropneumonia, transmission of, in sheep and goats, (51) 971
Plica semilunaris, papillosa of, (30) 1504
Plimmer's bodies, origin of, in degeneration of nuclei, (104) 215
Pneumococci, studies on simple and differential methods of staining encapsulated, in smear and section, (30) 1227—ab
Pneumococcus as cause of single multiple and general infections, (126) 1230
infections, accessory nasal sinuses and, *1261
peritonitis, (56) 204—ab
Pneumonia, (95, 117) 74, (121) 1220
abortive form of lobar, (85) 1857
acute lobar, in pygmy, (13) 899
alcohol in, (29) 2178—ab
and other pulmonary infections, intestinal origin of, (35) 1321—ab
arsenic in, (13) 2038—ab
bacteriologic examinations of conjunctival sac in typhoid and in, (56) 1417—ab

Pneumonia, brain, in children, (30)457
carbon bisulphid in croupous, (103) 1063
complications of, and their treatment, (18) 971
complicating pregnancy, (29) 460 —ab
croupous, (34) 1297
croupous, nervous symptoms of, (66) 502
dynamic effects of antipneumoccic sera in, (30) 2123—ab
early treatment of, (60) 968
effects of antipneumococcic sera in, (69) 1029
epidemic, (60) 644—ab
fremitus in, (32) 457—ab
in four days' old infant, due to bacterium mucosus, (44) 72
increasing mortality from, (79) 462
intermittent fever in, (70) 1065
its present day status and treatment, (121) 1126
lobar, early diagnosis and treatment, (30) 456
lobar, followed by miscarriage and empyema, (32) 640
medical complications and treatment of, (12) 1416
mortality from lobar, in high altitudes, (5) 1504—ab
mouth disinfection in prophylaxis and treatment of, (23) 1786—ab
open-air treatment of, *1182
outbreak of, in reformatory school, (12) 842
paralysis during croupous, (70) 727 —ab
pathology of lobar, (103) 390
postcritical fever and other sequelæ of croupous, *720
postdiphtheritic, (125) 548—ab
quinin and iron in, *110, *272
Roentgen examination in case of centrally located, (160) 2045—ab
sugar in urine during, (37) 466—ab
traumatic, (66) 815
traumatic fibrinous, (92) 815
treated with fixation abscesses, (33) 900
treatment of, (4) 71, (111) 215, (32 467—ab, (113) 1126, (1) 2174 —ab
Westphal's sign in croupous, (95) 1459—ab
when to use medicines in, (6) 1858 —ab
Pneumothorax, (4) 806
artificial, in treatment of tuberculous pulmonary processes, (75) 1226—ab
Pneumotoxin, (11) 1419—ab
Pocket case, improvised, for eye-droppers, *777
Podagra, (9) 1044
Poisoning, accidental, by headache tablets, *2012
acetanilid, from absorption, *259
acute carbolic acid, recovery, *488
by coal gas, (55) 640
by salicylates in children, (12) 310
camphor, (103) 970
case of, by X. L. all vaporizing fumigator, (19) 1770
chronic atropin, (11) 628—ab
fatal, by external application of bichlorid of mercury, *1484
fatal case of scopolamin, (90) 1512
from canned beans, (58) 1881—ab
from oil of tansy, *509, *987, *1917
from opium or morphin in seven-weeks' old baby, *770
hydrocyanic acid, (80) 2020
lysol, (58) 1063—ab
scare, sequel to wholesale, (91) 841
with hellebore, (117) 1419
Poisonous substances, warning circular for workmen employed in, (90) 2045—ab
Poliomyelitis and cerebrospinal meningitis, (15) 2177
anterior acute in adult, (96) 1143
anterior acute, epidemic of, (120) 1520
relative value of surgical procedures for relief of paralyses following acute anterior, (89) 1127 —ab
Politics, should physician be interested in? (98) 810
Pollantin therapy of hay fever, (68) 1901
Polyarthritis chronic deforming, (51) 1421
polymyositis in acute, (76) 2044
relations of chronic villous to dumb-bell shaped bacilli, (28) 807
Polycythemia, (68) 737—ab, *1268
case of myelopathic or splenomegalic, (29) 2125
three cases of, with enlarged spleen, (70) 1429—ab
Polycythemia vera (Vaquez's—Osler's disease); description of new clinical entity, with method of estimating viscosity of blood, (14) 971
with enlarged spleen, (37) 1060—ab, (44) 1384—ab
Polymyositis in acute polyarthritis, (76) 2044
Polypharmacy, (95) 841
Polypi of appendix, *359
origin of choanal, (16) 462—ab
Poppy capsules, (86) 1424
Porokeratosis, three cases of, (33) 76
Porro-Cesarean section for pregnancy, with complicated fibroids, (99) 2124—ab
Position, diagnosis and management of occipito-posterior, (115) 1897
Postgraduate work in Europe, (46) 1513
Postoperative comfort, (42) 461—ab
Postpartum period, treatment of, (92) 314
Posture as aid in surgery, (7) 1959
Potassium bromid, in epilepsy, (30) 1129
iodid, effect of small doses of, (15) 971
Potatoes in diabetes and adiposis, (53) 725
Pott, was Percival, really entitled to honor of having a certain spinal disease called by his name? (60) 2127
Potteries, Huaco (mummy-grave), of old Peru (study in pre-Columbian pathology), (107) 970
Potters' trade, dangers of, from life insurance standpoint, (121) 806
Pott's-disease, Kernig's sign in, (79) 902
three cases of and one case of coxalgia in adults, and presenting unique features, (6) 1414—ab
Pozzi livre d'or, (22) 1060—ab
Practice act, imperfections of present medical, *Texas, (86) 309
what value have experiments on frogs for application in? (26) 642
Practitioner, business problem of general, (54) 1411—ab
general, and specialist, (17) 459
laboratory diagnosis for, (101) 841
Preacher's hand in multiple sclerosis, (85) 306
Precipitins, cancer, (110) 1520—ab
Pregnancy, abdominal, carried to term with placenta implanted on under surface of liver and gall bladder, (58) 313
actinomycosis and, (54) 2042—ab
acute toxemias of, (65) 1959
albuminuria in, (62) 310
and delivery, complication of, with prolapse of loop of intestine with mucous entailed (63) 77
and labor complicated by anterior fixation of uterus, *1538
case of abdominal, (2) 235—ab
case of ruptured tubal gestation sac with secondary attachment of ovum to cecum, (14) 1062
chorea of, (122) 976—ab
diagnosis and treatment of ectopic, (5) 71—ab
ectopic, (25) 294, (38) 313, (39) 1126 —ab, (11) 1130—ab, (31) 1220, (119) 1351, (12) 1419—ab, (111) 1897, (12, 13, 80, 105, 113) 1897, (110) 1954—ab, (21) 1958, (95, 118) 1959
ethics and laws regarding interruption of, (101) 1952—ab
evil effect of, on laryngeal tuberculosis, (65) 727—ab
extrauterine, (25) 294, (38) 313, (39) 1126—ab, (11) 1130—ab, (31) 1220, (119) 1351, (12) 1419—ab, (111) 1897, (12, 13, 80, 105, 113) 1897, (110) 1954—ab, (21) 1958, (95, 118) 1959
hyperemesis as indication for interruption of, (100) 1956—ab
indications for interruption of, in reference to heart diseases, (99) 1959—ab
indications for surgical operations during, (28) 320—ab
intraligamentary, at term, (35) 1322
kidney of, (15) 1064
multiple, followed by eclampsia, (32) 2178
myelitis of, (39) 1774—ab
myomectomy and labor at term in elderly primipara, (5) 2124—ab
necrobiotic fibroids and, (31) 129
operations on pelvic organs during, (114) 309
ovarian, (11) 1130—ab
pneumonia, complicating, (29) 460-ab
Porro-Cesarean section for, with complicated fibroids, (99) 2124—ab
Pregnancy, primary abdominal, (11) 1897
removal of intraligamentary cyst and bilateral oöphorectomy during early, without interrupting gestation, (4) 718—ab
rupture of interstitial tubal, (12) 1419—ab
simulated extrauterine, (95) 1902—ab
supravaginal amputation of cervix at fifth month, (91) 1902
tuberculosis as indication for interruption of, (98) 1959—ab
tubo-abdominal, at term, (25) 234
twin, (41) 1959
two cases of ectopic, with some unusual features, (24) 1418
typhoid occurring during, (43) 309 —ab
uncontrollable vomiting in, (66) 1958—ab
uterine fibroids complicating, (100) 2124—ab
uterine myomata complicating, *1777
with rupture of bicornate uterus—operation and recovery, (22) 234
Prenatal influence and postnatal suggestions, (98) 970
Prescribing, dispensing versus, *1788
Prescriptions, old, (104) 846
Presentation, vertex, (65) 77
Presentations, transverse or oblique, (35) 630
Preservatives, are, in food injurious to health? (121) 2124
Pressure, case illustrating effect of long continued, on interior of mastoid by fluid of low infectivity, (16) 1135
Pretuberculous state, points on diagnosis and treatment of, (22) 1227 —ab
Priapism from nasal reflex, something for rhinologists, (67) 1514
Procedure, continental surgical, (30) 76
Processes, morbid, in right abdominal and pelvic regions of female, and their distinction, (13) 387
Proctology, medical specialism with reference to, *1385
Profession, editorial interests of medical, (67) 154
duties and responsibilities of medical, (116) 238
duty of medical, to public in matter of venereal diseases and how to discharge it, *1246
future of medical, (13) 1228—ab, (87) 1507—ab, (31) 1771—ab, (19) 1956—ab, (19) 2026—ab, (118) 2124 —ab
honors that have come to medical, in America, (49) 640, *685) 1330
how may medical and teaching, cooperate to improve moral, mental and physical condition of young? (61) 1507—ab
how medical can aid in perfecting of hospital management, (126) 841
issues which confront medical of State of Washington, (95) 1514
relation of medical to social evil, *89
what shall medical do to prevent abortions? (122) 309
why should medical, be thoroughly organized? (114) 1230
Prognosis, measures of precision in, (nucleus), (17) 2026
Progress, medical and surgical, (90) 154, (138) 841, (74) 910
review of surgical, *91
Projectiles, effect of large, from battle ships, (44) 2125
Prolapse of urethral mucosa, (70) 813
Prolapsus ovari in femoral ring, simulating strangulated femoral hernia, (46) 968—ab
Proprietarism, physicians and proprietics, (46) 320—ab
Proprietary medicines, (90) 970—ab, *977
medicines and other abuses, *978, (75) 1958—ab
medicines, objectionable influence of, on young practitioner, (98) 1514
preparations, pharmacopeial or, which? *982
remedies, patent and, (126) 722
Prostate, carcinoma of, (3) 1511—ab
conservative treatment of enlarged, (114) 970—ab
enucleations of, (18) 305, (7) 462—ab, (37) 800—ab, (614) 1960—ab
female, (108) 970, (31) 1084—ab
four cases of, osteoplastic cancer in, (94) 218—ab
galvanic and other treatment of, (5) 537—ab
marked albuminuria from abscess of, *309
Prostate, massage of, untoward effects of, (111) 899
methods in diagnosis and treatment of hypertrophy, (89) 1127—ab
observations on removal of, for cure of prostatic dysuria, (26) 158
pathology of cancer of, (103) 972
physical examination in hypertrophy of, (103) 1959
surgery of, present position of, (27) 718—ab, (2) 811—ab
treatment of hypertrophy of, (64) 720—ab, (95) 1507, (3) 1956—ab, (6) 1960—ab
treatment of hypertrophy of, with radioactive waters, (94) 214
treatment of inoperable conditions of, (39) 158
vibratory massage of, (72) 972
vital points in technic of suprapubic enucleation of, for benign enlargement, *1151
Prostatectomies, suprapubic cystotomy as preliminary to, and as route for performance of considerable number of, (53) 1137—ab
Prostatectomy, consequences of transvesical, (27) 158—ab
for prostatic hypertrophy, (11) 1126 —ab
four cases of, (120) 309, (125) 1966
indications, contraindications and management of, (58) 721
indications for, and results of operation, *1153
in two stages, (30) 1683—ab
mooted questions pertaining to, (40) 1228—ab
observations on, (1) 71
phosphatic calculi following suprapubic, (41) 1136—ab
results of, (6, 57) 721—ab
total suprapubic, (63) 972
Prostatitis, chronic cystoparesis, (62) 1851
nargol in acute gonorrheal, with involvement of vesical neck, (94) 1514
radical operation for, (58) 1068
Prostitution problem in relation to law and medicine, *2071
prophylaxis and treatment of, (99) 1138, (44) 1685
what effective measures are there for prevention of spread of syphilis and increase of? *1272
Proteid constituents, present state of knowledge in regard to, of animal body, (111) 1857
Proteids, study of, in infant feeding with special reference to whey proteids, (34) 2027
synthesis of, (67) 313
Protopathic and epicritic sensibility, question of, and distribution of trigeminal nerve, (16) 1127
Protozoa, flagellated, in perineal abscess, (9) 641
Protozoan affections, (74) 466
Prurigo following intestinal catarrh, (134) 1803
lymphadenitic, (35) 76
Pruritus, aspects of, (37) 971
in herpes zoster (90) 79
vulvæ cured with blue ore light, (103) 1963
Pseudo-arthrosis, artificial, of forearm, (18) 2215
Pseudo-digestion, putrefactive, (55) 158—ab
Pseudo-parasites, of cancer, (14) 725
Psoriasis, cure of, with study of 800 cases of disease, in private practice, *1680
influence of light hunger in production of, (3) 1514—ab
sun baths for, (52) 304—ab
Psychiatry and neuriatry in medical press, (115) 2124
bearing of philosophy on, (11) 1685
cerebral localization and study of, (3) 1419—ab
Psychical faculties, scientific investigation of, or processus in higher animals, (17) 1515—ab
Psychoencephalonasthenia or cerebrasthenia simplex and psychoencephalonasthenia or cerebrasthenia insanilens, (119) 723
Psychology, clinical, (20) 1956—ab, (95) 2124—ab
Psychosis, cytodiagnosis of organic, (95) 309
head trauma and, (109) 309
suggestion in treatment of certain, (51) 807
toxic, (60) 1290
types of devolutional, (6) 1419
Psychotherapy, analytic method in, (12) 1705
experience with simpler methods of, and re-education, (31) 1385—ab

Psychotherapy, rational, (9) 1419
Ptomain poisoning, (81) 1514
poisoning and paratyphus, (82) 1422—ab
Ptoses, rational treatment of visceral, (11) 538—ab
visceral, and movable heart, (80) 902
Puberty, dangerous influence of overtaxing girl's mind, at, (67, 68) 1597—ab
Pubiotomies, eleven, (66) 2129—ab
sixteen, with needle, (61) 2043—ab
Pubiotomy, (87) 1235, (36) 1333—ab, (75) 1336—ab
and artificial premature delivery, (12) 2177—ab
and its relative indications, (58) 2122
child-birth after, (82) 1142—ab
dangers and means to prevent, (90) 1602—ab
healing of wound after, (72) 2127
instrumentarium for, (78) 1772
Public health, are tuberculous clinics dangerous to? (32) 73
health questions, medical women and, (1) 1514—ab
health work, importance of, (86) 640
school curriculum, child and, (16) 967
schools, medical supervision of, (76) 209
what shall we teach, regarding venereal disease? *1250, *1253
what should we teach, regarding venereal disease? *1252
Publicity as factor in venereal prophylaxis, *1244
Puerperal eclampsia, thoughts on, symposium on, (70) 722—ab
fever, antistreptococcus serum in, (39) 1233
fever, ligation of pelvic veins in pyemic form of, (83) 1981
morbidity, influence of disinfection of vagina on, (90) 972—ab
Puerperium, management of second and third week of, (79) 2123
nervous affections in, (77) 1518—ab
venous thrombosis in, (90) 1238—ab
nervous diseases in (35) 78
Pulp, some pathologic features of, *916
Pulse, alternating, (83) 1962
alternating with partially alternating heart action, (84) 1963
cessation of, during coast of epileptic fits, (14) 542—ab
curves, relation of, to blood pressure, (13) 1231—ab
dicrotic, with aortic insufficiency, (110) 1775—ab
in aortic disease, (13) 1231—ab
(13) 971
rate of 56 in internal hemorrhage from tubal pregnancy, (71) 242
Pupil, immobility of, traumatic (81) 242
reflexes originating in viscera, (108) 1864—ab
Pupils, hysterical attacks in immobility of, (70) 213
voluntary dilation of, (71) 2127
Purgatives, abuse of, (106) 2124—ab
Purin-free diets, (21) 1515
Purpura, (85) 1064—ab
hemorrhagica and tuberculosis, (45) 812
hemorrhagica, case of, *936
Purpuric conditions, treatment of, and hemophilia, *1262
Puru of Malay peninsula, (19) 76, (16) 239
Pus, cytology of gonorrheal, (55) 1981
Pyelonephritis, (14) 2150
gravidarum, (60) 1235
Pyelitis, acute, (37) 2176
in infancy, (22) 1956
Pyemia, indications for ligation of internal jugular vein in otitis, (15) 2040
of nose, (75) 727
orbital cellulitis and death following use of mercitan, (79) 488
otogenic, (67) 813
Pygmies in sickness and in health, (13) 1059
Pyloric spasm, in an infant, (9) 1225
stenosis, diagnosis of, (94) 1088
Pylorogastrectomy for cancer of stomach, (41) 901—ab
Pylorus, autointoxication from stenosis of, (79) 487—ab
cancer simulating pernicious anemia, (139) 1966
congenital hypertrophy of, (80) 153—ab, (11) 220—ab, (21) 900—ab, (27) 1315, (13, 15) 1396—ab, (40) 1855, (80) 1955—ab, (140) 1966
surgical treatment of stenosis of, (113) 74
Pylorus, treatment of gastric and duodenal ulcer and benign obstructions of, (32) 899—ab
Pyocyaneus sepsis in an adult, (64) 1335
Pyonephrosis, two cases of calculous, with nephrectomy, (32) 1958
Pyuria, (20) 1221, (43) 1417—ab, (63) 1514
without suppurative processes, (42) 734—ab

Q

Quadriceps extensor tendon, rupture of, (130) 309
Quillaja bark, treatment of diseases of respiratory tract with infusion of, (54) 843
Quinin and iron in pneumonia, *110, *272
best time to give, (47) 1417—ab
caffein treatment of eye for hay fever, (88) 2044—ab
fever, (5) 2035—ab
test of blood sera, (57) 1517—ab
treatment of cholera, *1266

R

Rabies, action of radium in, (115) 547—ab, (92, 103) 816—ab, (52) 1599, (88) 1883, (127) 1895
and dog catchlaw, (42) 484
etiology of, (59) 644—ab
Negri bodies in, (46) 1899—ab
preservation of virus of, in glycerin, (104) 1898—ab
resistance of virus of, to putrefaction, (108) 1883
Race question from medical standpoint, (78) 810
Rachitis, (77) 1518—ab
abdominal atony of, significance and treatment, (5) 1508—ab
adolescent or late, (21) 1960
congenital, (48) 1960—ab
in Italy, (20) 2139
scorbutus and cretinism, etiology of, (127) 1139
urine in, (111) 1891
Radiation, present position of, in treatment, (79) 1138, (73) 1768
Radioactivity of mineral waters, (105) 974
Radioscopy of infant's stomach, (34) 900—ab
Radiotherapy, aids to accuracy and efficiency in, (11) 1853
in skin disease, (28) 1515
Radium, action of, in rabies, (115) 547—ab, (92, 103) 816—ab, (52) 1599, (88) 1883, (122) 1985
action of on muscles, (78) 902
in physiology and therapeutics, (31) 900
in surgery, *1283
in treatment of trachoma, (79) 1604—ab
Radiumite, *1280
Radius fracture of, (58) 813
Railway injuries, classification of causative factors of, and allied injuries based on female status assumed by injured individuals, with analysis of, (62) 361, (105) 309
Rat extermination, effects of, on incidence of plague in selected area in Amamrath City, (96) 1139
fleas, experimental investigation as to potency of various disinfectants against, (29) 1139
Rattlesnake bite, adrenalin chlorid in treatment of, (108) 1959
bite, death from, *2012
Reaction, diazo, value of, in children, (110) 1891
precipitant, (71) 1981
Reciprocity, an agreement of in medical licensure between States of New York and Ohio, (29) 1854
how may tuberculin be best accomplished? (23) 1139
impracticability of interstate, *255
interstate, in licensing, (41) 207, (7) 1414—ab
Rectal speculum, new, (69) 1284—ab
tube, improved postoperative, (55) 1067—ab
Rectum, ataxic, (6) 1054—ab
axioms in treatment of cancer of, (5) 1227—ab
cancer of, (9) 887, (44) 901—ab, (51) 2136—ab
cancer of sigmoid and, (32) 967—ab
ether narcosis by, (84) 1067
fistula, treatment of, (41) 1813
importance of postoperative treatment of diseases of, (92) 154
mercurial treatment of syphilis by way of, (47) 76—ab
new rectal enemator for, *273
pseudo-tuberculosis of, (108) 2045—ab
Rectum, relation of, to diseases of women, (102) 2124—ab
remote results of radical operation of cancer of, (70) 205—ab
retention of sphincter in removal of rectal, (96) 1602—ab
stenosis of, from expelled myoma, (60) 406—ab
surgery of carcinoma of upper portion of, and sigmoid colon, (34) 967—ab
treatment of cancer of, (7) 718
Rectus, case of isolated palsy of right external, *274
paradoxic, (54) 73
Reed, Walter, U. S. army general hospital, District of Columbia, (24) 1958
Reese urethral irrigator, modification of, *1830
Reflex arc, value of, in diagnosis, (112) 1837
paradox, (54) 73
symptoms, cases where, were proven not to be reflex, (46) 461—ab
Reflexes, cerebral element in, and its relation to spinal element, (53) 1788
diagnostic significance of ocular, (88) 241—ab
of dentition, *25
Refraction et a torie surface, (101) 1857
errors of, among children attending elementary schools in London, (2) 841
Reforms, two desirable, *259
Regenerative tablets, *1276
Regimentation, a practical lesson in, *2076
Relapsing fever, clinical picture of, (22) 845
Remedies, popular synthetic, their use and misuse, (91) 309
standard, in treatment of diseases, (89) 390
Renal decapsulation and nephrotomy in treatment of serious forms of eclampsia, (46) 208—ab, (35) 1234
surgery, (43) 1228
Renge fruit, *1269
Reproduction, processes of, (32) 968
Requirements, entrance, *257
Research work, suggestions in special lines of, for women, (91) 1514
Resistance, methods of conserving natural, in surgical cases, (119) 309
Resorts, observations on European climatic, (63) 154
Respiration and pulse, changes in relations between, (53) 465
arrest of, after operation on skull, (45) 1516
Respiratory tract, obstructions in upper, (52) 541
training, defects of present system of, for soldier, with hints toward its improvement, (47) 1508
Rest, employment of, in rational treatment of pulmonary tuberculosis, (101) 1058
exercise and sleep, influence of, on gastric digestion, (42) 208—ab
vs. passive exercise, (101) 208
why, is so essential in treatment of tuberculosis, (129) 1139
Restorative remedies, *1265
Resuscitation of patient apparently dead from primary heart failure, (29) 1657—ab
Retina, concerning signs in, of persistent high arterial tension and their diagnostic and prognostic import, (98) 970
glioma of, (75) 970
monocular, and spasm of central artery of, (74) 970
operative treatment of detachment of, (48) 462—ab
pigmentation of, after opticociliary connections in man, (74) 970
retinal hemorrhages in apparently healthy eyes, (122) 841
unilocular inflammations of optic nerve and, *1
Retinitis, albuminuric, of pregnancy, (55) 1987—ab
diabetic, (71) 640
punctate forms of, (39) 1958—ab
Retrodisplacement, therapeutics of, (36) 2121—ab
Retroflexion, ventrosuspension of shortened round ligaments for, (70) 79—ab
Revaccination, value of, (20) 723—ab
Rhabdomyoma of female genitalia, (102) 2045
Rhabdomyoma, multiple, of heart muscle, (29) 208—ab
Rheumatic affections, sal-ethyl in treatment of, (58) 1229
complications, notes on, (17) 641
Rheumatic fever and amyloid degeneration, (4) 2124—ab
infection, manifestations of, in children, (62) 1685—ab
Rheumatism, (68) 1229
action of salicylates in acute, (2) 2124—ab
acute; hyperpyrexia; recovery, (15) 723—ab
articular, treated without salicylates, (98) 467
as factor entering into eye and throat diseases, (138) 74
cures, *1622
diet and hydrotherapy in treatment of, and gouty conditions, (99) 970
hydrotherapeutic treatment of chronic, (13) 1415—ab
in children, (7) 1508—ab
observations on, and its treatment with mineral baths of Mount Clemens, (87) 1398
salicylates and neubritis in articular, (92) 467—ab
value of massive doses of salicylates in diagnosis and treatment of acute articular, (30) 1416—ab
Rhinitis in infants, (56) 1880—ab
membranous (non-diphtheric), (79) 540, (101) 1226
Rhodan compounds, physiologic importance of, (90) 1515
Rhythm gallop, (78) 208—ab
Ribs, clinical significance of cervical, (67) 1855
treatment of fractured, (25) 897—ab
Rice bodies, origin of, in tuberculous tenosynovitis, (106) 215
Rickets (See Rachitis)
Rider's sprain, (21) 900—ab
Rinderpest, (20) 970
Ringworm, varieties of, and treatment, (4) 1508—ab
x-ray treatment of, of scalp, (39) 971
Riviera, Irish, (7) 71—ab
Rocky Mountain, spotted fever, *36, *268, (128) 810—ab
spotted fever, transmission of, by bite of wood-tick (dermacentor occidentalis), *268, *1097
Roentgenization in treatment of cancer, *1549
Roentgenography of stomach, (5) 1414—ab
Roentgen-ray (see also x-ray)
diagnosis of nephrolithiasis, (7) 2123
evolution of, (93) 154
exposure of ovaries during pregnancy, (87) 1142—ab, (39) 1177
in early diagnosis of pulmonary tuberculosis, (33) 1506—ab
in epitheliomas, lupus and tertiary syphilis, (21) 2036
influence of, on metabolism in leukemia, (77) 2044—ab
in leukemia, (114) 547—ab, (48) 643, (52) 1082—ab, (48) 1816—ab
photographs, in relief, (94) 79—ab
physiologic action of, (55) 1856
physiologic actions and therapeutic uses of, (12) 629
pictures, plastic, (108) 1608
products and therapeutic value of, (151) 74
technic, (89) 1773, (21) 2177
therapy, practical, (111) 1969, (21) 2177
therapy, results in, (4) 1855
treatment, formation of leucotaxis under, (93) 974—ab
treatment, metabolism in leukemia under, (40) 2—ab
treatment of exophthalmic goiter, (63) 1053—ab
treatment of leukemia and pseudo-leukemia, (113) 1775—ab
treatment of malignant disease of bladder through suprapubic incision, (25) 1513—ab
treatment of malignant growths by, (110) 1507
treatment of mediastinal tumors, (99) 1691—ab
treatment of neuralgia, (38) 903—ab
two cases of sarcoma improved by, (85) 1779
value of, in surgical diagnosis, (120) 228
value of, in therapeutics, (122) 810
work in war, (88) 243
work, protection of internal organs in, (88) 1772—ab
Romanowsky stain, (69) 1235
Rooms, disinfection of, by formaldehyd, comparative bactericidal value of various methods, (8) 1515—ab
Rosenstein, N. Rosen von, 1706-1773, (102) 908
Rotunda hospital, clinical report of, (12) 1059, (36) 1420
Russo's methylene blue test, (32) 1691—ab

S

Sacrococcygeal tumor (teratoma), (40) 2120
Sacro-iliac synchondrosis, relaxation of, (15) 2120
Sacrotcratoma, case of, (8) 988
Sacrum, cancer of, (87) 1892
Sadism, (134) 722
Safety pin, removal of open, from esophagus, (30) 1252
Sahli's dermoid test of stomach functioning, (62) 242, (52 313—ab, (51) 1057, (37) 1420—ab, (77) 1690
Sal-ethyl in treatment of rheumatic affections, (58) 1220
Salicylates, action of, in acute rheumatism (2) 2124—ab
and nephritis in articular rheumatism, (92) 467—ab
value of massive doses of, in diagnosis and treatment of acute articular rheumatism, (30) 1416—ab
Saline-solution, influence of intraperitoneal injection of warm sterile normal, in intraperitoneal hemorrhage, *1409
normal, in abdominal operations, (49) 258, (42) 1029—ab
time and method of administering normal, (138) 1857
utility of, in treatment of fever, *1351
Salit action and salt solution, (92) 772
and working capacity, (35) 202
starvation, (64) 973
Salts and drugs, contribution to general principles of pharmacodynamics of, (39) 1257—ab
muscid, *520
Sanatoria, advantages of local, in treatment of pulmonary tuberculosis, (91) 1597
for children, (56) 843
scope and aim of state, for tuberculosis, *317
Sanatorium, analysis of results obtained at Sidlaw, (18) 255
and its mission, (100) 988
disease, a remedied, (43) 1421—ab
treatment of the tuberculous, (91) 250—ab
Sandal oil emulsion in gonorrhea, (104) 2129
Sanitary department of armies and military medical officer, (48) 308, (108) 722
science and quarantine, (70) 1229
Sanitation and hygiene, relation of physician to, (12) 968, (112) 1138
education in, (79) 309
humor of Indian, (25) 1509
in war, (39) 1420
résumé of work of, performed by San Francisco board of health, from April 18, 1906, to date, (51) 1028
Saphena, total resection of, in varicosities of ler. (29) 156—ab, (43) 901—ab
Sarcoma and myoma of stomach, (34) 1404—ab
diagnosis of, (2) 2174
fever with, (127) 1980—ab
improved, by Roentgen ray, (55) 1772
in dura with calcified metastases in heart, (85) 1862
interscapulothoracic amputation for, of arm, (30) 1958
metastasis in transplanted, of mouse, (51) 1317
multiple giant celled (30) 525
of both faucial tonsils, (73) 540
of nasopharynx, (90) 1055—ab
of nose, (72) 1085, (80) 2030, (7) 2190
papillary, (42) 240
pathologic and clinical diagnosis of, (24) 1795, (23) 1956, (23) 2056, (24) 2120
primary, of adrenal gland, (30) 808—ab
primary, of knee, (77) 545—ab
primary, of omentum, (37) 460
relation of to angioma, (96) 818
retroperitoneal, (98, 133) 908
transplantation of round-celled, (106) 1519
treatment of, of nasopharynx, by adrenalin, *459
uveal, point in management of, *2130
Sarcomata, three cases of primary, of stomach, (17) 1059
Sauerbruch's operative chamber; history, experiments and experiences, (26) 308
Scabies, points in diagnosis, infection and treatment, (26) 971
Scalp, elephantiasis nervosum of; manifestation of von Recklinghausen's disease, (24) 1415—ab
X-ray treatment of ringworm of, (29) 971
Scaphoid, incomplete enucleation of, (40) 900
Scapula, conservative surgery for tumors of, (121) 548—ab
malformation of, (37) 900
Scarlet-fever, (129) 806, (102, 107) 1138
acute edematous hypertrophy of tongue in, in adult, (25) 155
body weight and milk diet in, (97) 1519—ab
early course and diagnosis of, (17) 1833
etiology, transmission and diagnosis of, (51) 1320
nephritis, family cases of, (71) 1063—ab, (63) 1760
otitis-media as complication or sequel of, (23) 400
return cases of, (36) 139—ab
serum, (92) 314
Schistosoma Japonicum, three cases of infection with, in Chinese, (36) 1320
Schleich's method, cocain anesthesia by, (61) 1516
School and corset, (97) 244—ab
rooms, sanitary regulation of, with reference to vision, (64) 1597—ab
School-children, examination of 838, of East Cleveland schools, (103) 819
health of, (1) 488—ab, (93) 1709
health of New York, from point of view of department of health, (45) 1707
physical care of, (7) 458—ab
results of Allport's plan of examination of eyes and care of public, in Orange, (96) 1230
Schools and hospitals, advantages of separate organizations for training, (17) 807
medical inspection of, (3) 718, (69) 810, (111) 996, (6) 1231
Schuller's bodies in cancers, (107) 1519
Sciatica, perineurial infiltration treatment of intractable, (51) 843—ab
surgical treatment of, (46) 158—ab
virus, and disease of posterior urethra and sclerosa, (106) 1231
Science and quarantine, (70) 1229
important discoveries and progress in medical, since time of Hippocrates, (93) 209
religion and physician, (105) 541
Sciences, unity of medical, (88) 1597—ab, (119) 2134—ab
Sclerosis, cerebral, (58) 542, (28) 1060
neonatorum, case of (18) 542, (28) 1060
Sclerosis, early signs of insular, (11) 2175
multiple, clinical course and pathologic anatomy, (52) 73—ab, (105) 725
preacher's hand in multiple, (85) 206
Sclerotomy, posterior, as a preliminary to iridectomy in acute glaucoma, (75) 970
Scoliosis, dorsal, (24) 155
the result of asymmetrical growth, (90) 904—ab
treatment of, by general practitioner, (101) 548—ab
Scopolamin hydrobromid, (37) 1136
in anesthesia, (63) 152
injections, Babinski reflex after, (95) 1518
morphin, and spinal anesthesia, (69) 1982—ab
morphin anesthesia in labor, (60) 77—ab, (102) 1774—ab, (55, 75) 1982—ab
poisoning, fatal case of, (20) 1512
Scorbutus, study of, (46) 205—ab
syndrome due to typhoid bacill, (113) 2046—ab
Scotomata, mapping, precise position of double images in paralysis, (54) 1957
Scrofula, (40) 2178
Scrotum, extirpation of penis with resection of, (65) 1141
Scurvy, infantile, (3) 641—ab, *1918
operative treatment of infantile, (70) 242
two cases of infantile, (88) 200
Sea shore for scrofulous children, (57) 1140
water, injections of, in nephritis, (77) 972
water, injections of, in hemophilia, (61) 1682—ab
Section, new frozen, of body of parturient dying at expulsion period, (22) 218—ab
Secretin, treatment of diabetes with, (48) 1060
Seminal duct and vesicle, irrigation and drainage of, through vas deferens, (105) 1959, (38) 2120
Seminal-vesicles, affections of, (79) 1514
calcification of vas deferns and, *1108
gonococcal infection of, (122) 74
operations on, (58) 466—ab
Sensibility and stereognosis, cutaneous muscular, (34) 1416—ab
recurrent or supplementary, (105) 1963—ab
Sepsis originating in urinary passages, (58) 1422—ab
puerperal, (22) 234, (113) 309, (4) 626, (32) 1512, (11) 1858, (38) 1956
puerperal, complicated by parotid abscess, (24) 2176
treatment of, (67) 1768
treatment of, with collargol, (67) 844
Septicemia, staphylococcus, (66) 844
Septum, abscess of cartilaginous nasal, deformity corrected by subcutaneous injection of paraffin, (30) 72
contribution to technic of submucous, operation, (69) 540, (70) 540—ab
cutaneum, plastic substitute for, (79) 468—ab
defect in interventricular, (101) 1962—ab
deflection of, new operation for extreme cases of, with presentation of successful result in adult case, (75) 1127—ab, (30) 1228—ab
perforation of, nasal, (28) 1228—ab
perforations of, intra-auricular, (40) 843
submucous excision of deviations and spurs of nasal, (8) 310—ab, (14) 1139—ab
Sera, antagonism between normal and immune bactericidal, (121) 1803
production of cytotoxic, by injection of nucleoproteids, (29) 1766—ab
Serum, action of cytotoxic on blood-forming organs, (117) 2130—ab
antitetanic, in Fourth-of-July injuries, *1509
antistreptococcic, use of, (16) 2176—ab
component, third, (33) 1227
disease, (42) 640
effect on new-born animals of parental injection of heterologous, (10) 2176
having therapeutic value in treatment of exophthalmic goiter, *861
negative action of antistreptococcus, (56) 722
pathology, a fundamental error in current attempts to apply physical chemistry to, (32) 1227
prepared, toxic for peripheral nerves, (69) 972—ab
therapy, (21) 485, (29) 1859
therapy of tetanus, (89) 967—ab, (34) 1929
therapy, present status of, in surgical affections, (7) 1985
therapy, progress in, during year ending June 1, 1906, (68) 227—ab, (51) 481, (82) 1320
treatment of thyroidism by specific, *1958
Sesame oil, intoxication with, (53) 1962—ab
Sesamoid bones of metatarsophalangeal joints, (82) 1983
Sexual and vesical weakness, strychnin and hydrastin in, *2145
life, relations between, and origin of mental affections, (57) 1960
variants, problem of, (21) 1055
Shield, new, for use in nose and throat examinations, *778
Shock, surgical, (14) 310, (2) 966, (102) 1058, (63) 1320, (64, 76) 1768, (94) 1859
Shoes, flexible balancing, (20) 1682—ab
Shoulder girdle, two cases of amputation of, (18) 542
Joints, tuberculous abscess of, mistaken for progressive muscular atrophy, (67) 1418
recurring dislocation, (31) 812
Shoulders, stiff and painful, (46) 721—ab
Sian, pathologic and medical organization, (40) 812
Sigmoid, angulation at, (29) 2036
cancer of, and of rectum, (28) 967—ab
surgery of carcinoma of upper portion of rectum and, (34) 967—ab
surgical conception of, *832
Sigmoiditis, (32) 197—ab
Silk, oiled, to protect intestine in tamponing peritoneum, (72) 1517
Silver acetate to prevent ophthalmia neonatorum, (122) 1852
bacterial action of compounds of, (6½) 896—ab
clinical and experimental experience with colloidal, and virulent streptococcus, (29) 1854
compounds, chemistry of organic, *1258
nitrate and zinc in chronic gonorrhea, (71) 973—ab
oxid and silver suboxid, (76) 237
preparations, experimental study on bactericidal power of various, (8) 1226—ab
Sinus, course of sigmoid, in child's skull, (77) 74
demonstration of suction method in diagnosing disease of, (78) 540
disease, enucleation; uncalled-for disfiguring operations resulting from failure to recognize accessory, (4) 1695—ab
disease, etiology of accessory, (55) 1137
disease, of sphenoidal, (98) 841
disease, ocular signs and complications of accessory, (46) 226, (52) 1127
disease, use of X-ray in, (122) 1230
exostosis of frontal, (8) 2040—ab
infective sigmoid, thrombosis, resection of internal jugular, (22) 1228—ab
infective, thrombosis; varieties of general infection and treatment, (56) 2?0
operation, maxillary, that has yielded best results, (75) 1088
proposed operative measure for thrombosis of cavernous, (76) 541—ab
some cases of maxillary, empyema treated intranasally, (61) 240
suppuration of maxillary, with involvement of ethmoidal cells and sphenoidal sinuses, (48) 1417
symptoms and treatment of disease of, and jugular thrombosis, (55) 200
thrombosis, cavernous, in children following mastoid inflammation, (66) 1682
thrombosis, infective sigmoid, (91) 1685—ab
thrombosis of, circulatory disturbances following ligation of internal jugular vein in, (73) 74
thrombosis, treatment of, (55) 186
to retain anterior wall of, in frontal sinusitis, (37) 1685—ab
two cases of radical operation on maxillary, and ethmoid, (71) 1086
unusual case of thrombosis of lower part of lateral, (16) 1776—ab
unusual cases of frontal suppuration, (10) 1231
Sinuses, accessory nasal, and pneumococcus infections, *1581
nasal, diagnosis of inflammatory diseases of accessory, (56) 1137
treatment of diseases of accessory, (57) 1137
Sinusitis, cerebral and opthalmic complications in sphenoidal, (10) 1419—ab
external or internal operation in suppurative, (56) 1961
frontoethmoidal, (31) 462—ab
suction treatment of, (80) 1082
Skatol and indican in urine, (32) 311—ab, (42) 812
Skiagrams in relief, (68) 844
Skiagraph, value of bismuth, shadow in determining topography of gastrointestinal tract, (37) 200
Skiagraphy, new table and tube holder for, *113
Skin, analysis of 65 cases of bullous diseases of, (40) 1767
and genital organs, Bier's congestive and suction therapy in affections of, (55) 543
atrophic sclerosis of, and generalized myositis, (20, 41) 1771—ab
bleaches and beautifiers, *1629
disease radiotherapy in, (28) 1515
diseases, blood in relation to, (12) 1514
diseases, lymph lavage in treatment of certain, (29) 202
diseases, methods of diagnosis in, (40) 1041
diseases, pathology of, (9) 722
distribution of afferent nerves in, *643
errors in treatment of cutaneous cancer of, (6) 1514—ab
gonococcal metastasis of, (34) 70
grafting, new methods in, (87) 1130—ab, (48) 1389—ab
lesions, treatment of non-malignant and non-tubercular, (50) 1329

Skin, linear affections of, (52) 1772
multiple neuromata of, *1810
mutual mobility between, and deeper structures and relation to bullet wounds, (23) 543
pigment, protecting action of, (56) 1772
relation of nerve impulse to cutaneous inflammation of, *8
treatment, therapy of cancer of, (71) 159, (85) 269
yeast for affections of, (54) 901
Skull, an instrument affording quick and safe method of entering, with minimum destruction of bone and preservation of vital bone flap, (112) 970—ab
arrest of respiration after operation on, (45) 1516
celluloid plates to close defects in, (74) 545—ab
chloroma of, (75) 1963
defects of, significance of, (30) 152—ab
diagnosis and fracture of, 1124) 238
endocranial tumors of, (60) 244—ab
firearm wounds of, (47) 249
plea for exploratory incision in suspected depressed factors of, (54) 2123
percussion of, as means of placing indication for performance of lumbar puncture, (18) 1236—ab
six cases of fracture of, (117) 1230
temperature 97.8 F. following fracture of, (114) 898
tuberculosis of base of, (44) 1421—ab
use of Masland saw for opening the cranial vault, (45) 809
use of temporal fascia to cover in defects of, (46) 809—ab
Sleep and the hypophysis, (45) 203-ab
Babinski's sign in normal people during, (70) 2030
for children, (55) 1234—ab
influence of rest, exercise and, on gastric digestion, (47) 806—ab
some truths about, *852
Sleeping sickness, (27) 239—ab
means of checking spread of, (10) 201—ab
Sleeplessness and its treatment, (39) 207, (22) 463—ab
Smallpox in Alabama in recent years, (53) 540—ab
two atypical cases of, *1484
Sneezing, origin of custom of salutation after, (23) 1063
Social evil, etiology of, *2075
factors, some, in causation of infantile mortality, (10) 542
Societies, medical, of New York county with reference to need of better organization of medical profession, (9) 2032
Society, benefits to be derived from well-organized county, (11) 722
county medical, and its benefits to medical profession, (114) 1321
Inebriates and moral perverts, (34) 540
Soda, further observations on citrate of, (34) 906
Sodium and magnesium, disinfectant properties of hypochlorites of, as produced by electrolysis, (18) 1770—ab
bicarbonate, success with, in cholera, (49) 1149—ab
citrate in infant feeding, *1080
citrate, use of, as modifier of cow's milk, *1241
silicate in treatment of pulmonary tuberculosis and participation of silicic acid in production of lung stones, (46) 1421—ab
Salasia, *1479
Soldier, health of, with reference to preventable diseases, (19) 899
Soldiers, preserving health of, in field, (31) 76
Solomon's test, for cancer of stomach, (37) 2178
Solutions, new theories in relation to medicine, (34) 1231, (32) 1429
Somnoform anesthesia, (42) 72, (66) 237
Soot, experimental inhalation of, (72) 1469—ab
Sound conducting apparatus, incorrect deductions from experiments with tuning forks on function of so-called, (50) 1235
conduction, theory of, (59) 2029
waves, therapeutic effect of, or mechano-therapeutics of ear, (14) 305
Sounds for Eustachian tube, (28) 79—ab
South Africa, disease and hospitals of interior, *930, *2059
African stock diseases, (34) 899
Souvenir, gynecologic, (25) 1099—ab
Spa treatment of cardiac dilatation, (22) 1859
Spasm, monocular visible, of central artery of retina, (74) 897
Specialism in its modern significance, (26) 1277—ab
is, a psychic advance or a retrogression, (114) 2124
Specialist, general practitioner and, (17) 459
Specialists and specialties, (109) 1143
Speech, disturbances of, in childhood, (49) 1137
limitations of perception of, (31) 1862—ab
occurrence and absence of crossed paralyses and disturbances of, in otitic suppurations of brain and meninges, (101) 2035
Spermatic cord, tropical inflammation of, (76) 972
fluid, Barberio's reaction for, (33) 1056—ab, (113) 2048
fluid reaction to homologous, subcutaneously injected, (63) 1234
Sphygmomanometer, determination of blood pressure by use of, (60) 641
Spikes, new use of, for external prothesis of fractures (23) 155—ab
Spina bifida, (51) 150—ab
Spinal analgesia in forceps delivery, (74) 1229
anesthesia, (6) 2177
Spinal-cord, affections of, in epileptics, *1717
changes in, after injection of blood, (118) 1778
changes in kidney after injury of, (59) 902
disease of, (23) 1771—ab
gunshot wounds of, (14) 1135—ab, (17) 1229
inflammation of extradural tissue of, in epidemic cerebrospinal meningitis, (48) 901—ab
of rabbit can bridge gap in musculo-spiral nerve, (31) 971
three cases of tumors compressing, (46) 1061—ab
tumor of, (87) 1819—ab
Spine, causes of so-called habitual lateral curvature of, (16) 1956—ab
chronic rigidity of, (24) 971
concussion of, with remarks on concussion in general, (18) 1321
congenital deformity of, (6) 2122
curvature of, ocular factors in etiology of, (9) 459—ab
effect of pressure on curve and rotation of, (46) 2126—ab
fracture dislocation of, (8) 1959
osteomyelitis purulent, acute and subacute of, (73) 2043
percussion of, (46) 1809—ab
sacrum and pelvis, auscultation of, (84) 1084—ab
simple method of recording torsion in lateral curvatures, (73) 2122
total luxation of, (6) 1277
two cases of chronic ankylosis of, (55) 643
Spirilla of mouth, (27) 1089
Spirillum obermeieri, cultivation of, *2155
of bat, (45) 971
of fowls, (59) 971
Spirochaeta-duttoni passage of, from mother to fetus, (11) 641—ab
structure of, (7) 899
Spirochaeta-pallida, (45) 240, (126) 1988
diagnostic significance of, (59) 1981
improved smear technic to show, (100) 1622
in congenital syphilis, (64) 844, (99, 102) 974, (107) 1143
in nerves of progress in syphilitic initial sclerosis, (54) 813
in syphilitic products, (94) 2045
in tertiary syphilis, (54) 894, (108) 1143
in tissues, (51) 212
staining of, (76) 466, (91) 1062
Spirochete, new, found in a mouse, (19) 1139
silver, (19) 180, (51) 1061
specific nature of, of African tick fever, (30) 155
Spirochetes, cultivation of, on artificial solid media, (64) 242
in cancer and in syphilis, (97) 1891—ab
inside the cells in syphilis, (59) 813—ab
observation of, in yaws and granuloma pudendi, (5) 1855
study of living, (108) 975
Splanchnoptosis, (102) 74
genital tract in, (108) 1419
introduction to study of fundamental cause of—abdominal incompetence, (19) 640, (17) 719
Spleen, behavior of, in carcinoma, (71) 1493
Spleen, congenital malformation of heart with malposition of certain viscera and absence of, *232
primary tuberculosis of, (61) 1772—ab
rupture of, two cases of, (62) 813—ab
x-ray in enlargements of, (14) 902
Splenectomy and Banti's disease, (11) 1909
case of, (29) 1956—ab
study of blood in Banti's disease before and after, *1149
stomach functions after, (98) 816—ab
successful case of, for rupture of spleen, (13) 811—ab
Splenic abscess in malarial liver, (21) 728
extract, therapeutic action of, in malarial infections, (2) 837—ab
Splenomedullary pseudoleukemia, with secondary myelophthisic anemia, (32) 1845—ab
Splenomegaly, parasite of tropical, (72) 813
tropical febrile, (66) 462
Splint, new for fractures of humerus, (54) 1063—ab
Spondylitis, etiology and diagnosis of tubercular, in infancy and childhood with fatal coma following administration of alcohol, chloroform and ether anesthesia for diagnostic purposes, (30) 806
typhoid and paratyphoid with cerebral changes, (9) 2175—ab
Sprons for medicines, (35) 1930—ab
Spotted fever, (104) 841
four cases of, in Colorado, (85) 810
further observations on Rocky Mountain and dermacentor occidentalis, *1278
Rocky Mountain or, *98, *686, (126) 810—ab
study of Rocky Mountain (tick fever?), by animal inoculations, *23
transmission of Rocky Mountain, by bite of wood-tick (dermacentor occidentalis) *923
Sprains, successful treatment of, with mechanical vibration, (105) 1068
Sprue and chronic intestinal lesions, (22) 1420
Sputum, examination of, by expert laboratory methods and its clinical significance, (78) 809
peroxid of hydrogen in examination of, (117) 1809—ab
sterilization of tuberculous, and articles infected by tubercle bacillus, (11) 899—ab
Squint, observations on Worth's treatment of convergent, in young children with presentation of cases, (68) 807
relations of superior and inferior recti muscles to convergent, *2102
Stain index of red corpuscles, (99) 806—ab
neuroglia, (107) 2129
tripie, for tissue, (102) 1264—ab
two modifications of Leischman, (36) 1056
Stammering and its treatment, (16) 1332—ab
Starvation, hallucinations from, (99) 845—ab
State, duty of, toward venereal diseases, *1248
Static current, fragmentary clinical therapy of, from generalist's scrap heap, (75) 1956
Status lymphaticus, clinical diagnosis of, (23) 382
Steel comb, use of, for dissection in axilla, (41) 681—ab
two splinters of, removed from interior of eye with magnet, (50½) 226
Stenosis, pathogenesis of mitral, (34) 2178—ab
persistence of laryngeal after intubation or tracheotomy in children, (65) 644
tracheal, (98) 80—ab
Stereoskiagraphy, (7) 806—ab
Sterility, (23) 1056—ab
and its surgical treatment, (35) 802
causes and treatment of, in male, (76) 1157
causes of, (34) 808—ab
due to chronic appendicitis and hydrosalpinx, (61¼) 227—ab
in male, (11) 1765—ab
in women; its causes and management, (104) 1200
Sterilization, proposed, of certain mental degenerates, (7) 1419
Sterilizer, improved office, (28) 72
Stethoscope, new, *1377
Still's disease, (58) 1229
Stock diseases, South African, (27) 543, (32) 1229
Stoker-Adams disease, (18) 646—ab, (99) 815, (16) 971, (14) 1055, (16) 1770—ab
disease and cardiac arrhythmia, (22) 1560—ab
Stomach, acute dilatation of, (109) 1603—ab, (4) 1762—ab
acute postoperative paralysis of, with secondary duodenal obstruction, (91) 1235
and intestines, therapy of hemorrhage of, (113) 1419
and upper duodenum, stenosis of, (75) 1432
antiperistalsis in, (37) 204—ab
as etiologic factor in disease, (32) 806
atony of, (51) 540
cancer of, (113) 816—ab, (5) 895—ab, (30) 1263
case of diagnosed carcinoma ventriculi; with rare and unexpected findings, (67) 2026—ab
cirrhosis of, (29) 2027—ab
contents, analysis of, (92) 1126
diagnosis of cancer of, (66) 72, (100) 244—ab, (16) 805, (10) 1231—ab
differential value of occult hemorrhages in affections of, (45) 684—ab
dilatation of, (18) 1322
diseases, methods and principles of diagnosis in, (57) 1513
diseases of, requiring surgical treatment, (90) 154
fat-splitting capacity of, (35) 1429
functions after splenectomy, (98) 816—ab
hysterical neuroses of, with report of case of rhythmical borborygmi of hysterical origin, (85) 1418
indications for surgical intervention in diseases of, (6) 1894—ab
neuroses of, (134) 209, (15) 1689
operative treatment of cancer of, (49) 1149—ab
pathogenesis of round ulcer of, (107) 815—ab
postmortem report of rupture of, due to gastromalacia, (56) 2125—ab
postoperative acute dilatation of, (24) 288—ab
pylorogastrectomy for cancer of, (41) 903—ab
radiography of infant's, (34) 2028—ab
Roentgenography of, (5) 1414—ab
Sahli's desmoid test of, (62) 245—ab
sarcoma and myoma of, (34) 1894—ab
significance of so-called occult hemorrhages in diagnosis of ulcer and carcinoma of, (13) 652—ab
Solomon's test for cancer of, negative verdict on, *87; 2178
surgery, clinical aspect of, (101) 1419
surgery of, history of, (107) 841
surgical treatment of perforating ulcer of, (22) 806, (1) 2040—ab
symptomatology of cancer of, (69) 903—ab
systole of, (51) 208—ab
tardy pain in, (65) 1602—ab
total atrophy of, *282
trauma and cancer of, (77) 806—ab
three cases of primary carcinoma of, (107) 1059
treatment of cancer of, (7) 806—ab
treatment of ulcer of, with record of cases, 806
tube, improved, *273
tube, use and abuse of, (124) 809
ulcer and cancer of, their relationship, (58) 75—ab
ulceration of, (40) 1136
Stomatya, internal anatomy of, (28) 809
Stool, clinical examination of infant's, (109) 806
Stools, further contribution to study of, of starch-fed infants, *726
gram stain of, method applicable in diagnosis of carcinoma of stomach, (39) 79—ab, (19) 151—ab
study of, of breast-fed infants in relation to presence of starch enzyme, (29) 809
Stovain in spinal anesthesia, (21) 226
Strabismus and diplopia, cases illustrating Panas' operation for, (48, 54) 220
cure of convergent, by orthoptic treatment at age of 24, (69) 697
tendon grafting for, (28) 806—ab
Street cars, use of disinfectant in open-air treatment of tuberculosis, (20) 1418

Streptococci, evolution of, (22) 2125
from scarlatinal and normal throats and from other sources, (26) 1762 —ab
pathogenic for man, (12) 1220, (11) 1231, (15) 1419
pathogenesis of peptonizing, (101) 1774
to distinguish, (22) 1083
Streptococcus lysis, (32) 971
mucous as cause of acute otitis media, (121) 975
Stricture, rapid and permanent cure of old caustic stricture of esophagus by thiosinamin, (98) 846
Stridor, congenital, laryngeal, (6, 22) 2124
Strontium salts, observations on action of, on coagulability of blood, (16) 292—ab
Structure, study of, in relation to practical medicine, (44) 389
Strychnin and hydrastis, a novel method of using, in sexual and vesical weakness, *2145
as remedy in pulmonary tuberculosis, (12) 807—ab, (108) 810
treatment of diabetes insipidus with, (20) 846—ab, (47) 1225—ab
Students, our duty to prospective medical, (79) 1220
Stumps, gynecologic operations in treatment of, (116) 1032
Stuttering, (12) 403—ab
Subconjunctival injections in diseases of eye, (78) 1229
Success, subsidiary contributions to medical, (100) 74
the surgical desideratum, *1357
Sucking reflex in infants, in senile, and in insane, (60) 902
Suction mask to act on lungs, (67) 1422—ab
therapy, improved appliance for, (115) 1602
therapy for differentiation of malignant tumors, (126) 978—ab
therapy of interior of uterus, (61) 1224—ab
Sugar, colorimetric determination of, in urine, (109) 1143—ab
influence of temperature on elimination of, (87) 396
in urine during pneumonia, (57) 462—ab
test for, in urine, (78, 97) 467, (58) 1421, (15) 1770—ab
Suicide, mysteries and sources of, (1) 988—ab
nervous phenomena following attempted, by hanging, (12) 310
375 attempts at, (67) 1325
unique case of automatic or unintentional, in epileptic, (8) 234—ab
Sulphate of copper plan, 43 cases of typhoid treated by, (61) 2128—ab
of soda, is true intestinal antiseptic, (26) 1961—ab
Sulphur and lead nitrate for disinfection of rooms, (115) 1026—ab
Sun baths for psoriasis, (33) 204—ab
Suppuration, treatment of acute middle-ear, (73) 810
treatment of intracranial complications of middle-ear, *1260
Suprarenal extract, chasms in organs under influence of, (54) 1517
extract, pressure raising power of, (67) 150—ab
gland, danger from careless use of alkaloid of, *1188
glands, large cysts of, (53) 2024—ab
glands, résumé of recent literature relating to, and their application to clinical medicine (9) 620—ab
preparations, antidote for, *2150
preparations, changes in vessels and organs after injections of, (54) 1473—ab
preparations, comparative physiologic activity of some commercial, *700
Surgeon, relation of general to gynecology, (35) 2121—ab
house of, at Pompeii, (63) 73
some problems of internist which concern the, (116) 970
Surgery, (80) 1220
anesthesia in minor, (32) 845
clinical training in, (90) 903
conservative for tumors of scapula, (121) 548—ab
European, (80) 1330, (34) 1502—ab
indications for surgical intervention in infections of biliary tract, *402
limitations of, in diseases of kidneys, (27) 350
oration on—Medical Society of New Jersey, (45) 220
principles of, (36) 280
review of, of female pelvic organs, (41) 2202—ab
self-restraint in, (1) 2220
Surgery, then and now in, (17) 1666
triumphs of American, (41) 640
twentieth century featural (cosmetic), (122) 220
Uncle Josh on modern, (77) 1514
vaginal versus the abdominal route in pelvic, in women, (36) 225
Surgical diseases, diagnostic features of, attended with acute jaundice, (1) 837—ab
notes from Japan, (36) 1063
opportunity, (132) 826
principles and theories, (21) 1956 —ab, (94) 2124—ab
procedure, continental, (34) 1360 —ab
Survivals, mixoscopic adolescent, in art, literature and pseudo-ethics, (130) 722, (116) 2124
Susceptibility of ruminants and monkeys, (53) 1220
Suture, Chambers' abdominal, (70) 73
intrasecular, of aneurisms, *1017
modifications of mattress, (76) 1517 —ab
secure, looped, single-stitched advancement, with consideration of scleral anchorage, (76) 897
Sutures, capillarity in intestinal, *405
silver-rubber-silk, instead of silver wire for buried, (68) 1517—ab
Sweden, medical degrees in, (117) 1144
Symblepharon, paraffin plates as aid in operations for extensive, *570
Symbolism, erotic, (132) 722, (112), 2124
Symphysectomy, case of, (27) 202
report of 40 operations and consideration of advantages and disadvantages, (40) 809—ab
subcutaneous, (57) 1254—ab
Symptoms, treatment of, rational and scientific procedure, (3) 1327
Sympus dipus, case of, (23) 1765—ab
Syncytioma malignum, (21) 813—ab
Synorchidia, artificial, (62) 972
Synovitis, (11) 2126
passive hypermia in tubercular, of knee, and in wounds of palm, (86) 2122
two cases of suppurative, of knee, (100) 1138
Synthetic remedies, popular, their use and misuse, *1202
Synthetics, therapeutics of, in general use, (92) 309
Syphilides of liver, (68) 844—ab
Syphilis, (112) 74
and general paralysis in Arabs, (51) 76
apoplexy of liver in, (42) 1771—ab
are modern methods of diagnosing, scientifically accurate? (68) 1517
as factor in general practice, (106) 841
by what data, signs or symptoms can cure of, be determined? (35) 208
common errors in diagnosis of, (124) 1857
comparative speed efficacy of intravenous method of administering mercury in, (42) 1513
congenital, cerebrospinal fluid in, (68) 1063—ab
congenital, spirochæta pallida demonstrated in, (20) 202
crime in relation to, (47) 721
development of multiple and successive initial syphilitic lesions and pathology of, (82) 1220
diagnosis and treatment of, (96) 1507
differentiation of inflammation of retina and optic nerve in inherited, (86) 79—ab
diffuse hyperplastic laryngitis and pharyngitis of congenital, (31) 2125
does, in some cases spontaneously abort in primary stage? (70) 1857
dosage of metallic mercury in intramuscular treatment of, (35) 543
early diagnosis of, (49) 1062—ab
etiology of, (127) 209
evolution of intraprimary lesions of, (7) 1515—ab
hygienic measures against, (16) 78 —ab
infection from cadaver, (129) 1068
injection treatment of, (21) 2120—ab
in regard to life insurance, (31) 74
intramuscular injections in treatment of, and use of succidodate of mercury, (68) 72—ab, (45) 857, (21) 311
intravenous injections of mercury as therapeutic test for, (35) 720
labyrinthitis in secondary stage of, (88) 541
Syphilis, length of primary incubation stage of, (20) 720
little known peculiarities of teeth in hereditary, (68) 1058—ab
manifestations of, associated with pulmonary tuberculosis, (3) 287—ab
mercurial treatment of, by rectum, (47) 76—ab
modern treatment of, (17) 971
observations on microbiology of, (21) 1059
ocular, (51) 1417
of caruncula sublingualis, (48) 1223
of circulatory organs, (50) 204—ab
of ear, (77) 1726
of lungs, (114) 74, (95) 184
of nasal fossæ, (6) 1784
of stomach, (22) 155, (51) 208—ab
of testicle, (50) 2121
over-treatment of, (128) 810
preparation of calchactory mercurial cream for intramuscular injection, (31) 549
professional, and accident, (105) 1226 —ab
question of origin of, among conquistadores in Mexico, (52) 806
relapsing, (103) 74
relation of, to cancer of mucous membrane, (90) 200
Roentgen ray in epithelioma, lupus and tertiary, (21) 2036
routine treatment of, with intramuscular injections of mercury salicylate, (16) 1594
serodiagnosis of, (88) 79—ab
serum treatment of, (30) 1062—ab
so-called virulent, and its treatment, (17) 1859—ab
some atypical cases of, (20) 1126
spiral organisms in relation to, (57) 2029
spirochæta pallida in congenital, (90, 103) 974
spirochæta pallida in tertiary, (106) 1143
spirochetæ of, (26) 78, (46) 158, (86) 835—ab, (97) 1601—ab, (114) 1519
successful inoculation of eyelids of monkeys with, (38) 76
technic of intramuscular injections for, (10) 151
tardy hereditary of liver, (44) 76
tertiary, (50) 1685
tertiary fever of, (96) 244—ab
tertiary, which resembled phthisis in its course and symptoms, (94) 154
treatment of, (129, 130, 131, 132) 810
treatment of acquired, (115) 1126
virus, how long is, contagious? (126) 1520
what effective measures are there for prevention of spread of, and increase of prostitution? (13) 151, *1378
when to begin to treat, (82) 810
wives infected with, by their husbands, (58) 1620—ab, (53) 1685—ab
Syphilitic affections in posterior cranial fossa, (91) 467—ab
antibodies in cerebrospinal fluid of paralytics, (66) 2127—ab
inherited pseudo paralysis, (102) 815
Syphiloma, cardiac, with bradycardia and obstruction of inferior vena cava, (12) 641
Syringe, automatic suction, (92) 243
improved, for injecting precise amounts, (28) 1855
Syringomyelia, (10) 1688—ab, (33) 1667—ab
temporary disappearance of sensory symptoms in, (77) 897
unilateral, (48) 158
with involvement of cranial nerve probably syringobulbia, (81) 200
Systemic diseases, relation of, to otitis media purulenta and its complications, (80) 1058

T

Tabes dorsalis analogue of tendo achillus in Abadie's symptom), (68) 545
and gravidity, (82) 79—ab
and paresis, sphincter reflexes in, (73) 897
cases of, in which widespread cutaneous sensory manifestations completely disappeared, (18) 641
early diagnostic signs of, (11) 287
hydrotherapy of, (62) 1062
treatment of, in prostatic stage, (11) 234
typical case of, in negress, (13) 1284
with many complications, (72) 727
Table, combined office and operating, *2160
heated, for winter work out-of-doors, (132) 1139
Table, improved rectal operating, *111
Tabor, George R., M.D., state health officer and surgeon general of Texas, (129) 209
Tachycardia, paroxysmal, (58) 1417—ab, (66) 1518—ab
Talmudic literature, ophthalmic subjects in, (73) 897
Tampon, vaginal, some points of practical interest, (19) 1594
Tansy, poisoning from oil of, *2021, *2027, *2017
Tartar emetic, value of, in traumatic tetanus and cerebrospinal meningitis, (126) 1139
Taste sensations, (106) 1775
Tea, action of cold or lukewarm, on bacillus typhosus, (45) 1509—ab
Teaching, correlation of medical, (132) 154
Technic, modern skiagraphic, (60) 188
points in surgical, (44) 461
Teeth, little known peculiarities of, in hereditary syphilis, (68) 1058—ab
treatment of incarcerated, *228
what is effect on progeny of loss of, in ancestry? *191
Temperature, determination of abnormal, of closed inguinal fold of child, and its clinical significance, *1010
fluctuations in, in experimental tuberculosis, (42) 2178
influence of, on elimination of sugar, (87) 396
measurement of skin, (97) 974
record, permanent, (104) 1025—ab
Temporal bone, demonstration of squamous portion of, obtained during mastoid operation, (71) 250
bone disease, points in diagnosis of complications of, based on a study of 400 fatal cases, (95) 2030
bone, section of, of child; metal cast of ear, (69) 250
fascia, use of, to cover in cranial defects, (46) 1510—ab
Temporosphenoidal lobe, abscess of, (65) 250, (37) 1417—ab
lobe, two cases illustrating points in diagnosis of tumor or other lesion of uncinate region of, (7) 2110
Tendo Achillus, unusual case of ruptured, (23) 1420—ab
Tendon and muscle transference, (99) 1227
grafting for strabismus, (85) 208—ab, (119) 2046
transplantation and grafting for paralytic deformities, (7) 1227—ab
transplantation, indications and technic for, (48) 1502—ab
transplantation of, importance of intramuscular nerve tracts in, (138) 1502—ab
Tenia nana, two cases of infection with, in Philippines, *285
Tension, arterial, and its practical significance, (100) 1775
vascular, in chronic illness, (21) 897 —ab
Tent life, practical view of, in southwest, (9) 1228—ab
Teratomata of inguinocrotal region, (32) 1684—ab
Test for arsenic, phosphorus and antimony, (85) 815—ab
for sugar in urine, (78) 467
for uric acid, (58) 488—ab, (55) 819
electrical resistance of blood and urine as, of functional efficiency of kidney, (5) 841
improved formol technic for bilharic, (45) 643—ab
nucleus, in pancreatic disease, (49) 1957—ab
precipitation, of albumin in food, (63) 544
quinin, of blood spots, (57) 1317—ab
rapid, for albumin in urine, (82) 1064—ab
ring, for acetone, (76) 1773—ab
Russo's methylene blue, (92)1691-ab
Sahli's desmoid, of stomach function, (62) 242, (52) 813—ab, (51) 1057
sensitive, for albumin in urine, (91) 816—ab
simple, for chlorids in urine, (92) 904—ab
Solomon's, for cancer of stomach, negative verdict on, (37) 2178
superiority of Petterutl, for hydrochloric acid, (29) 1853
technic for tubercule-opsonic, (34) 208—ab
type cards, a time-saving addition to, (104) 1227
value of indigo-carmin, as aid in diagnosis of partial and total ureteral occlusion, (32) 1620—ab

Test, Widal, killed cultures for, (79) 727
Testicle, explosive rupture of, from trauma, (85) 2039
histology of undescended, (95) 1962
internal secretion of, with ectopy of that organ, (37) 543
syphilis of, (50) 2121
technic of surgical treatment of ectopic, (41) 2125
Testicles, artificial fusion of, (62) 972
free bodies in, (118) 548—ab
functions of, (17) 630
surgical means of access to, (121) 1965
Testimony and evidence in medicine, *1363
expert medical, (21) 305
Tests, diagnosis of different forms of nephritis and unreliability of nitric acid, (75) 309
fifty bacteriologic, of hands, brushes, gloves, Pasteur-filtered water, steam and formaldehyd sterilizers and formaldehyd disinfection of rooms, (32) 750, (122) 970, (59) 1220—ab
functional kidney, (57) 2126—ab
functional, of arteries, (92) 1602—ab, (89) 1890
functional, of heart muscle, (92) 544—ab
improved method of ring, in urinalysis, (14) 807—ab
of oxidation processes, (122) 547
some kitchen, to detect adulteration of common foods, (40) 1956—ab
value of clinical, in typhoid, (109) 1419
Tetanus antitoxin, dried, as a dressing for wounds, (6) 1511—ab
an urgent plea for use of larger doses of antitetanic serum for, (6) 1134—ab
case of, (105) 74, (75) 310
cold air in treatment of, and yellow fever, (19) 305
endoneurial injection of serum in, (85) 314
Fourth-of-July injuries and, *505, (112) 2039
in two brothers, (4) 1950—ab
neonatorum, *2302
neonatorum, with recovery, *923
recovery from traumatic, (87) 545—ab
serum therapy of, (39) 967—ab, (34) 1859
toxin, to separate components of, (25) 2177—ab
three cases of traumatic treated with serum, (70) 1601
treatment of, (61) 73—ab, (120) 1138
treatment of, by magnesium sulphate, (35) 1229—ab
value of tartar emetic in treatment of traumatic, and cerebrospinal meningitis, (108) 1139
Tetany, (129) 309
appendicitis as cause of, (58) 235—ab
of children, (56) 1880
relations between, and sexual apparatus, (122) 1804—ab
tendency to, due to lime in infant's food, (64) 1063—ab
Texas, imperfections of present medical practice act of, (68) 302
Thread and its surgery, (16) 1508
Therapeutic curiosities, (111) 547—ab
notes, (72) 1514
Therapeutics, accuracy in, (78, 79) 1567
a summary of therapeutic field for the past year, *948
based on pathologic physiology, (18) 208—ab
old and new in ocular, (12) 201—ab
Therapy, active principle, or need of a revival of therapeutics, (95) 810
electrochemical, (118) 1144—ab
electro-medicinal, (69) 2127
essentials of successful Roentgen ray, (92) 154
Thermoregulator, an accurate and reliable, *1382
Thermovibrasage, new method of treatment, *1376
Thiersch flaps, after-treatment of, (91) 2139—ab
Thigh, bandage for stump after amputation through, (26) 722
Thiosinamin, rapid and permanent cure of old cicatrix stricture of esophagus by, (99) 548
Thoracentesis, accidents following, (6) 2175
Thoracotomy for traumatic hemothorax due to wound of intercostal artery, (34) 1419
Thorax, plastic operations on, (7) 2177—ab
Thoughts, facts and fancies, medical, (104) 1597
Throat, affections of, (18) 291
and nose, acute septic infection of; Ludwig's angina, (47) 809
and nose in relation to phthisis, (18) 239
examination of, in chronic systemic infections, (17) 2036—ab
reflex, (77) 242
sore, bacteriology of, (29) 1509
sore, etiology and therapeutics, (17) 305
sore, in pulmonary tuberculosis, (97) 237
Throats, bacteria in scarlatinal and normal, *1171
Thrombophlebitis, subclavian, following abdominal section, (22) 539—ab
Thrombosis and embolism following abdominal operations, (39) 539—ab
cerebral, (124) 722
comparative research on, (100) 1964
infective sinus, varieties of general infection and treatment, (38) 390
mesenteric, (47) 1699
of placental vein, (54) 1223
primary cavernous sinus, secondary to osteomyelitis of petrous pyramid, (97) 2039
rare case of, of cavernous sinus following orbital thrombophlebitis, (78) 970
symptoms and treatment of sinus and jugular, (55) 309
unusual case of, of lower part of lateral sinus, (16) 1770—ab
venous, in puerperium, (90) 1225—ab
Thumb sucking, (11) 151—ab
Thymus, physiology and pathology of, (51) 1965—ab
Thyroid and parathyroid glands, ablation and atrophy of, (82) 1959
and parathyroid glands, structure and functions of, (81) 1958—ab
apparatus of, cretin due (42) 1767
extract in exophthalmic goiter, (71) 903
extract, use of to shorten coagulation time of blood, (25) 967—ab
gland, and tuberculosis, (64) 1899—ab
malignant disease of, (42) 72—ab
preparations, therapeutic uses of, *1475
significance of some enlargements of, (8) 1321—ab
stab wound of, (31) 158—ab
treatment of obesity, (101) 974—ab
Thyroidectomy, experiences in operation of, partial and complete, (22) 967
Thyroidism, treatment of, by specific serum, *835
Thyroiditis, acute suppurative, with pressure symptoms relieved by intubation, (23) 806
Thyroids, lateral aberrant, (37) 1855
Thyrotomy and laryngectomy for malignant disease of larynx, (21) 2124
versus laryngectomy, (40) 289
Tibia, compensatory processes in luxatica, (30) 812
cure of congenital pseudarthrosis of, by periosteal transplantation, (68) 2122
fracture of, from indirect violence, (15) 463—ab
Tic douloureux, case of, (34) 389—ab
Timidity, (66) 154, (92) 970
Tinnitus, objective, (50) 1137
Tobacco, effects of, in health and disease, (33) 74
effect of, on nose, throat and ear, (41) 389
poisoning, bronic, (115) 1307
study of intoxication from, (48) 1139
Tongue, case of black, *382
causes of coated, (47) 465—ab
curability of cancer in general, and of cancer of, in particular, (40) 2041—ab
cysticercus cellulosæ of, with note on helminthology of one of Madras jails, (22) 723
depressor, practical, (76) 1685
epithelioma of, (32) 1687—ab
epithelioma of, with secondary growths in glands of neck and liver treated by x-rays, (13) 220—ab
multiple fibrosarcoma of, *2003
plea for more radical operations in cancer of, *382
polypoid lipoma of, (34) 1220—ab
Tonsil and adenoid operations, anesthesia in, (72) 540
as factor in infectious diseases, (30) 1514
Tonsil as portal of microbic and toxic invasion, (28) 640
congenital fibrolipoma of palatine, (76) 74
death from suppurating, (10) 305—ab
diseased faucial, and its operative treatment, (20) 389
diseased faucial, as causal factor in respiratory and gastric diseases, (12) 1054
lingual, (44) 1220—ab
Tonsillectomy by electrocautery dissection, (62) 1220
Tonsillitis, acute, (94) 810
Brewer's yeast in phlegmonous, (64) 139—ab
Tonsillotome, a new, (72) 220
Tonsils as entering point for tuberculosis, (69) 1680—ab
certain facts concerning faucial, *1725
indications for surgical interference in disease of faucial, and methods of choice in operating, (38) 72—ab, (66) 540, (34) 720—ab
operation for painless and bloodless removal of submerged and adult, (68) 200
sarcoma of both faucial, (72) 540
tuberculosis of, (34) 72—ab
use of cold wire snare in removal of faucial, (15) 1062
use of cold wire snare in removal of hypertrophied, (19) 2046
Tooth, some pathologic features of pulp of, *916
Torticollis or wry neck, (2) 154
spasmodic, (56) 2039—ab
Toxemia of pregnancy, (30) 234—ab, (64) 640, (65) 1062
unusual and unique case of, (48) 1687—ab
Toxins, destructive of larvæ, (95) 810—ab
in blood in diphtheria, (119) 1894—ab
Toxolecithid in poison of bee, (60) 1962
Trachea, intrathoracic diseases and displacement of, (102) 1063, (88) 2128—ab
tumors of, (119) 1419
Tracheohysterotomy, its scope and technic, (120) 1857
Tracheotomy, (30) 1515
or intubation, (58) 159
preliminary to operations about tongue and pharynx, (116) 898, (51) 969
Trachoma, (8) 1135
Tractus vascularis, and tractus nervosus in splanchnoptosis, (110) 1059
vascularis, pathologic physiology of, (17) 151
Training, physical, factor in psychologic development, (10) 1064
Transformation, myeloid, (40) 1421
Trans - uretero - urethral anastomosis, (31) 2037—ab
Transplantation, embryonal, (65) 1772
treatment after Thiersch, (70) 1141—ab
Travel, impressions of a recent trip abroad, (56) 1769
Treatment, scientific foundation of modern, (9) 1062
Tremor, epidemic, among school children, (75) 1773
Trephine, new, (31) 814
Trephining, technic of, (75) 1517—ab
the labyrinth, etc., for subjective sounds, (72) 242—ab
Treponema pallidum, technic and staining of, (58) 2039
Tribes, non-Christian, of northern Luzon, (34) 2174
Trichinlasis, two cases of, and reference to four other cases infected from same source, (65) 308
Trichinosis, (124) 154
Tricuspid valve, insufficiency of, in pernicious anemia, (98) 1415—ab
Trigeminus nerve, question of protopathic and epicritic sensibility and distribution of, (66) 1137
Tropical diseases, study of, (1) 1508, (31) 1859
splenomegaly, parasite of, (72) 813
Tropics, observations in, (11) 1220
Trunk, deformities of, in children, (11) 305
Trusn, passing of, (39) 74
Truth, growth of, as illustrated in discovery of circulation of blood, (18) 1062, (1) 1769—ab
search after, (32) 450—ab
Trypanosomata and trypanosomiasis, (102) 548, (39) 1058
Trypanosome, of frog, culture of, (57) 971
Trypanosomiasis of beriberi in 1905, pulmonary, (52) 208, (72) 1058
Trypanosomiasis and pregnancy, (104) 815
diagnosis of, (45) 1859
of horses, (42) 971
of trout, (40) 1058
treatment of, by benzidin dyes, (54) 972—ab
Trypsin in treatment of cancer, (58) 644—ab, (2) 1955—ab, (1) 2119—ab
injections and lotio pancreatitis locally, two cases of cancer treated with, (39) 808
Tube, removal of tracheotomy, impacted in left bronchus, (23) 239
Tubercle bacilli, animal tissues as culture medium for, (61) 902
behavior of, at entering point, (32) 240
experimental absorption of dead, (61) 1817
possible dissemination of, by insects, (16) 1062—ab
sterilization of tuberculous sputum and articles infected by, (11) 800—ab
Tubercular disease, of upper respiratory tract, treatment of, (28) 1057
Tuberculides, with report of cases illustrating the papulonecrotic variety, (3) 71—ab
Tuberculin, curative action of, (71) 1039
diagnosis of genital tuberculosis, (30) 240—ab
diagnostic, injections of, (43) 158, (69) 1039—ab
diagnostic value of inhalations of, (70) 1062
experience with new, (34) 2026—ab
general principles of therapeutic inoculation with reference to, (19) 1039
influence of, on experimental infections, (112) 547—ab
in phthisis, (97) 1143
in treatment of children, (95) 70—ab
in treatment of tuberculosis, (3) 537—ab, (49) 2038—ab
old, as therapeutic measure, (74) 814—ab
reaction and tuberculin immunity, (73) 1680—ab
test, (74) 1800—ab
therapeutic use of, combined with sanitarium treatment of tuberculosis, (22) 808—ab
tuberculosis of adnexa diagnosed with, (76) 729—ab
Tuberculo-opsonic test, technic of, (51) 808—ab
Tuberculosis, (114) 722, (79) 810, (49) 1230—ab, (41) 1421, (85) 1597, (122) 1857
acute intestinal, (13) 2177—ab
agglutination in pulmonary, (75) 1690—ab
among Indians of Arizona and New Mexico, (10) 1062
among negroes, (41) 1595
among Oglala Sioux Indians, (42) 1596—ab
and influenza, general analogies between, (3) 1224—ab
and insurance, (69) 294
and pregnancy, (100) 80—ab
and purpura hemorrhagica, (45) 812
and thyroid gland, (64) 1680—ab
anemia in, (39) 208—ab
antiseptic treatment of, *720
as indication for interruption of pregnancy, (30) 1959—ab
care of advanced cases of pulmonary, (8) 895—ab
causes of predisposition of lung apex to, (38) 158
clinical, anatomic and pathologic comparison of tuberculous cavities in lungs, (36) 1506—ab
cocillana as expectorant in pulmonary, (114) 154
compulsory registration and fumigation, most important of prophylactic measures in prevention of pulmonary, (50) 2038
compulsory reports and registration of, in United States, (11) 2120—ab
conjugal, (39) 1421—ab
cutaneous in, (61) 208
diagnosis and treatment of incipient, (123) 1857
diagnosis and treatment of incipient pulmonary, (2) 208, (72) 1058
diagnosis of, (100) 134
diagnosis of, in infants and children, *1355, *1588
diet in, (3) 297—ab
disappointments and hopes in treatment of, (69) 543—ab
dispensaries, address on, and coördination of measures against tuberculosis, (10) 1956

Tuberculosis dispensary, methods, value and limitations, *2154
disseminated, in relation to thoracic duct and vascular tubercles, (119) 810
duty of physician in regard to, (101) 2029
early symptoms of, and how they may be developed when applicant attempts to conceal them, (9) 234
effect of blowing wind musical instruments with reference to, (4) 1327—ab
error of climate in treatment of, (115) 1331
etiologic factors in bone, in children, (6) 2120—ab
evil effect of pregnancy on laryngeal, (65) 727—ab
experimental investigations regarding, (4) 2176
fluctuations in temperature and weight in connection with pathologic anatomic changes in experimental, (42) 2178
forms of surgical, in children, (29) 1515
fresh air and rest in treatment of, (68) 810
genitourinary, (30) 211—ab
glandular pulmonary, in Paris schools, (52) 2042—ab
hematologic studies in, (34) 1505
heredity in, (116) 2040
human and bovine, (5) 806—ab, (100) 974
hyperplastic, of intestines, (38) 967—ab
in Detroit, (78) 1668
indirect diagnosis of, (36) 205—ab
inflammatory, neoplastic, (50) 76
in Italian army, (108) 568—ab
in military retinal hemorrhages, (129) 1050
in military service, (92) 1857
in state hospitals, (73) 1058, (112) 1149
intestinal origin of, of tracheobronchial glands, (112) 1331
its consideration in relation to risks in life insurance, (74) 1330
its etiology prophylaxis and treatment, (45) 1229
laryngeal, treatment of, (51) 1062-ab
latent, in children, *1189
length of survival after onset of, (121) 1330—ab
limitations to eradication of, (25) 450—ab
malnutrition as factor in, (102) 237
management of, *2131
man's natural protective agencies against, (3) 1853—ab
Marmorek's serum in surgical, (57) 1902—ab
maxims for selection of climate in pulmonary, laryngeal and bone, (12) 450—ab
medical treatment of, of upper air passages and ear, (58) 1626—ab
miliary, and cancer, (68) 1517
morphology of bacillus of Koch in pulmonary, (44) 2178
mortality from, in Italy during 1887-1902, (57) 139
municipal control of, (20) 450
necessity of state and national control of, (125) 810
of adenocarcoma of uterus, *268
of adnexa diagnosed with tuberculin, (76) 728—ab
of base of skull, (44) 1421—ab
of bladder, and its cure, (37) 903—ab
of bones and joints, treatment of, (18) 459
of cattle, how it may be repressed, and its relation to public health, (125) 1857
of cecum, fibrocecal valve and appendix, (9) 321—ab
of cervix, (32) 208—ab
of colon, surgery of, (38) 967—ab
of glands, (81) 1620
of glands simulating neoplasms, (100) 1519—ab
of heart, (73) 214—ab
of joints, (79) 243, (11) 967—ab
of kidney in infant, (11) 2036—ab
of larynx, indications and contraindications for intralaryngeal operation in, (68) 300
of mammary gland, (76) 902, (70) 2127—ab
of middle ear and mastoid, *1206
of seminal tract, (12) 75—ab
of tonsils, (24) 78—ab
of upper air passages and ear, surgical treatment of, (54) 1513, (100) 1626
of upper air tract climatic treatment of, (68, 97) 1668—ab
of urinary tract in women, treatment of, (104) 74

Tuberculosis of vulva, (85) 973—ab
open air treatment of, (23) 202, (30) 1667
opsonic-index (Wright and Douglas) in, (23) 807
organic heart diseases and immunity from pulmonary, (43) 1506—ab
our duties as citizens in prevention of, (10) 718, (97) 1330
peritoneal, (101) 1597
physiologic therapy and its application as adjuvant to drug treatment of, (10) 74
plea for more rational therapy in, (1) 1764—ab,
posterior vertebral, (30) 971
prevention of, (1, 2) 1220
preventive legislation against, (57) 646
primary, and anthracosis of lungs and bronchial glands, (97) 1601—ab
primary, of digestive tract, (59) 813—ab, (102) 974
primary, of spleen, (61) 1772—ab
primary, ureal, (88) 1602
problem in prisons and reformatories, (123) 1853—ab
protection of infants and young children from, infection, (40) 1596—ab
pulmonary, (122) 1158
pulmonary and pleurisy with effusion, (2) 1220
pulmonary, artificial pneumothorax in treatment of tuberculous pulmonary processes, (75) 1235—ab
pulmonary, during school age, (46) 240
pulmonary, early bacteriscopic diagnosis of from scrapings of throat, (42) 1232
pulmonary, early diagnosis and management of, (150) 74
pulmonary, early diagnosis and prognosis of, (61) 810, (71) 1330
pulmonary, early diagnosis of, (80) 74
pulmonary, hyperemia in treatment of, (53) 1140—ab
pulmonary, in children, (5) 541
pulmonary, in relation to obstetrics, (55) 208
pulmonary, intestinal origin of, (49) 1626—ab
pulmonary, management and treatment of, at climatic resort, (55) 968, (86) 1760
pulmonary, management of, (45) 1506
pulmonary, manifestations of syphilis associated with, (3) 287—ab
pulmonary, method of treating, (86) 1314
pulmonary, origin of, (31) 725—ab
pulmonary, pretubercular stage of, (118) 1220
pulmonary, prognosis of as determined by morphology of tubercle bacillus in sputum, (56) 290
pulmonary, rest in treatment of, (101) 1668
pulmonary, results of treatment in ninety-four cases of, (81) 1330
pulmonary, review of present day therapy of, (12) 895
pulmonary, Röntgen rays in early diagnosis of, (32) 1505—ab
pulmonary, sore throat in, (97) 237
pulmonary, statistics of, in registration area of United States from 1890 to 1904, (54) 1597
pulmonary, strychnin as remedy in, (12) 807—ab, (108) 810
pulmonary, tendency of organism to limit, (108) 1830
pulmonary, treatment of, (141, 148) 74, (48) 280, (103) 888, (37) 1057—ab
pulmonary, treatment of cough in, (100) 237
pulmonary, treatment of fever in, (101) 237
pulmonary, treatment of gastrointestinal disorders in, (99) 237
pulmonary, treatment of hemoptysis in, (98) 237
pulmonary, tuberculin in treatment of, (15) 234—ab, (3) 537—ab
pulmonary, value of study of apical outline in diagnosis of incipient, (32) 1505—ab
question, doubtful phase of, (4) 1230
relation of alcohol to, (60) 209
relation of state to, (59) 73
relations between cancer and, (92) 1434—ab
relative value of home treatment of, (58) 1506—ab
renal, *1735
renal, diagnosis and surgical treatment of, (37) 538, *1073
renal, treatment of, (50) 813

Tuberculosis, report of 25 cases of, treated with intravenous injections of Koch's tuberculin, (49) 2038—ab
*217
resection of nasal septum for primary, (30) 202—ab
route of infection of, (55) 241—ab
Russell treatment of, applied to tuberculous bones and joints, (87) 1514
sanatorium, influence of a, on value of surrounding property, *2054
sanatorium treatment of, (11) 210—ab, (91) 206—ab, (91) 1597, (63) 2039
scope and aim of state sanatoria for, serum diagnosis of, (35) 1505—ab
sign of congenital tendency to, (80) 214—ab
specific treatment of, (113) 1905—ab
spontaneous, in monkeys, (50) 313—ab
state and municipal control of, (127) 228
stray thoughts on, (3) 155
sulphur metabolism in, (50) 1233
superheated air plus calomel and iodin in treatment of mucous membranes, (94) 974—ab
suppression of, (3) 1602—ab
surgical aspects of, *1267
therapeutic use of tuberculin combined with sanitarium treatment of, (22) 808—ab
three cases of, (32) 255
tonsils as entering point for, (68) 1620—ab
treatment of laryngeal, (25) 1960
treatment of, of kidney and bladder by nephrectomy, *2047
treatment of surgical, (14) 462—ab
tubercular diagnosis of genital, (20) 240—ab
two years' experience in sanatorium treatment of, in pineries of northern Wisconsin, (7) 154
use and abuse of pulmonary gymnastics in, (17, 18) 288—ab
use of discarded street cars in open-air treatment of, (80) 1419
value of sodium silicate in, (40) 1421—ab
verrucous cutis, (128) 74
why rest is so essential in treatment of, (120) 1178
work in Europe, (36) 1417—ab
Tuberculous disease, observations on effect of sterile caseous matter in treatment of, (4) 976—ab
hints and helps to the, (102) 888
infection, primary, in monkeys, (84) 902—ab
migraine and hypothermia in the, (46) 901—ab
nitrogen metabolism in the, (34) 203
patients, report of management of, applying for treatment to dispensary of Samaritan Hospital, Philadelphia, (85) 1230
subjects, bacteriologic and histologic study of organs removed from, (37) 2120
suggestions for future of, patients of working classes, (10) 641
the, and their hygienic surroundings at home, (94) 2041
Tuberosity, greater, of humerus, isolated fracture of, (78) 545
Tubes and ovaries, present status of conservatism in surgical treatment of, *1342
Tubo-ovarian cyst, burrowing, its pathogenesis, (3) 816—ab
Tucson, Arizona, winter climate of, (9) 1135—ab
Tumor between cerebellum pons and temporal lobe, (74) 242
cicatricial, studded with scraps of coal, (66) 816—ab
formation, theory of, (103) 215
obscure intracranial, meningeal sarcoma with extension to fourth ventricle, (7) 810
of fourth ventricle, (84) 902
remarkable osteocalcareous, in nose, *271
removal of cerebral (endothelioma), which had invaded overlying cranial bone, (10) 723
spontaneous disappearance of, during later months of pregnancy, (90) 1099
three interesting cases of papillomatous, (35) 971
two cases illustrating points in diagnosis of, or other lesion of uncinate region of temporosphenoidal lobe, (7) 810
Tumors, cancerous, and helminths, (36) 812—ab
earliest possible recognition of malignancy in, (34) 1771
endocranial, (98) 244—ab

Tumors, etiology of, (133) 1966
experimental investigation into growth of; development of sarcoma and carcinoma after inoculation of carcinomatous tumor of submaxillary gland in Japanese mouse, (47) 646
fibroid, of uterus, *1908
importance of early recognition and operative treatment of malignant, *1470
multiple primary, (91) 1774
multiple primary, of bones, (49) 2126—ab
of body of uterus, position of operative treatment of fibroid, (32) 971
of brain, palliative operations in treatment of, *878
of carotid gland, *288
of cerebrum, focal diagnosis of operable, (110) 970—ab
of cerebrum, surgical aspects of operable, (111) 970—ab
of intestine, (84) 732
of larynx, (47) 2121
of uterus, review of evolution of modern surgical treatment of fibroid, (5) 455
of ureal tract, differential diagnosis and prognosis of, *809
scrotal, in the tropics, (29) 220
simultaneous occurrence of two nonrelated, *1237
spontaneous postoperative implantation, (73) 1963
suction therapy for differentiation of malignant, (126) 978—ab
teratoid, in pelvic connective tissue, (115) 975
three cases of, compressing spinal cord, (46) 1621—ab
Turbinate, nasal, as vasomotor index, (93) 1855
Turbinectomy, nasal obstruction, submucous, (25) 1770
Twins, successful delivery of, in placenta praevia, *1201
Tympano-mastoid region, surgery of, of infant and young child, (30) 1513
Type in school books and college textbooks, (20) 1509
Typhlocolitis, appendicitis and, (28) 220
Typhoid, (89) 180—ab, (25) 719, (59) 1858—ab
accidental, infection with bacillus of malignant edema in, (69) 72
acetonemia in, *1034
afebrile, (34) 464—ab
alcohol in treatment of, (89) 1418
anastomosis between femoral veins subsequent to thrombosis of left iliac vein during, (34) 1687
and colon bacilli, method for isolating from drinking waters, (33) 207—ab
and colon bacilli, toxic effects of certain acids on, in relation to degree of their dissociation, (28) 1227
and paratyphoid bacteria, relations between, (123) 1965
and paratyphoid germs, malachite green as culture medium for, (62) 1982
anomalies of, (26) 719
atypical or irregular, (84) 209
bacilli, behavior of, in blood in respect to bactericidal substances, (74) 1963, (114) 1962
bacilli carriers, (38) 543
bacilli carriers in insane asylum, (120) 1804—ab
bacilli, cultivation of, from coagulated blood, (44) 643—ab
bacilli, improved culture medium for, (72) 1761
bacilli, simple test for, in blood, (83) 205—ab
bacillus bile as culture medium for, (115) 1691
bacteria, phagocytosis of, (39) 1509—ab
bacteriologic examinations of conjunctival sac in, and in pneumonia, (55) 1417—ab
bath treatment of, in private practice, (1) 1414—ab
bilibiary, (70) 1963—ab
complicated case of, and autopsy, (74) 2039
condition in case of, simulating intestinal perforation, *1916
diagnosis of, (18) 1853
diagnosticum results of, (83) 903—ab
does drinking of water give, (1) 459—ab
early and differential diagnosis of, (68) 1058
early diagnosis and treatment of, (97) 2178—ab
embolism of pulmonary artery in, (114) 216—ab

Typhoid, epidemic of, character of recent, in Eugene, Ore., (32) 402
epidemiology as applied to, in Minnesota, (26) 1314
43 cases of, treated by sulphates of copper plan, (61) 2122—ab
hematemesis in, (29) 724
hemorrhagic diathesis in, (41) 157 —ab
influence of early feeding in treatment of, (9) 1626—ab
influence of temperature and cold baths on production of agglutinating substance in animals immunized against, (91) 1863
in patient aged 70, *1191
management of, in private homes, (112) 1419
mixed malaria and, *259
mutism in, (98) 1857
occult hemorrhages in, (16) 266 —ab
occurring during pregnancy, (42) 809—ab
of childhood, (147) 74
177 cases of, treated in Alaska, (42) 1138—ab
opsonic index in, *2159
presence of bacillus typhosus or closely allied organism in sample of distilled water suspected to have caused, (15) 1139
principles of feeding in, and in other fevers, (12) 234—ab
prognosis of, (65) 150—ab, (110) 1419
prophylaxis of, with influence of soil, fabrics and flies in its dissemination, (79) 807
public and professional indifference to, prophylaxis in rural districts, small towns and cities, (69) 1058
rapid and practical method of diagnosing, (20) 1490—ab
rare after-affections of, (54) 1062
relations between duration of disease and age of intestinal lesions in, (62) 1422
round worms, cholecystitis, cholangitis, hepatic abscesses, (45) 806
sequels, (127) 548—ab
sources of infection of, (67) 1058
statistics, (26) 1314
three cases of, with unusual complications, (36) 806—ab
treatment of, (75) 154, (95) 1128—ab, (110) 1397, (40) 1806—ab
treatment and prevention of relapses (74) 1137
vaccine, treatment of, with, (37) 1559
water and food, (45) 312
water supplies of cities and towns as bearing on prevention and spread of, (70) 1054
with hyperexia, (30) 1518
yellow patch in palms and soles in, (61) 644—ab

U

Ulcer, duodenal, (24) 1771—ab
duodenal, in infants, (96) 80—ab
from stretching of walls of intestine with perforation, (66) 488
of cornea, serpiginous, (33) 643 —ab
of duodenum, surgical treatment of, *259
of duodenum, two cases of ruptured, (3) 75—ab
of stomach, pathogenesis of round, (107) 315—ab
of stomach, treatment of, with record of cases, *838
peptic, of esophagus, (29) 808—ab
peptic, of jejunum, (44) 1140—ab
perforating, of foot cured by stretching of plantar nerve, (56) 902
perforating of foot, etiology of, (65) 468
serpiginous, (90) 2122
tropical, bacteriology of, (51) 1139
Ulcers, treatment of gastric and duodenal, and benign obstructions of pylorus, (2) 826—ab
value of calcium iodid in treatment of, (7) 543—ab
Ulna, lower extremity of, as factor in Colles' fracture, (37) 307—ab
Ulnar nerve, traumatic luxation of, (74) 727
Umbilical-cord, cysts of, (46) 240
technic in caring for, (42) 967—ab
nerves and vessels in, (81) 2128
Umbilicus, disorders of, in new-born and infants, (26) 1418
Uncinariasis, (85) 209
causative factor in production of dermatitis of ground itch, *1663
in Mississippi, *185
(hook-worm disease), its relation to grave anemia, (21) 1415
Uncle Josh on modern surgery, (77) 1514
Union, value of, in medical protocols, (26) 1615—ab
United States Marine Hospital at San Francisco, and great earthquake and fire of 1906, (38) 1857
Urachus, cysts of, (27) 1668—ab
development of, *109
Uranalysis, improved method of ring tests in, (14) 807—ab
Uremia, thoughts on, (113) 886
treatment of, (8) 2124
Ureter, blind with cystic dilatation of bladder, (97) 2129
consequence of temporary occlusion of, (78) 1424—ab
large calculus of, removed by suprapubic cystotomy, (4) 542—ab
lavage of, (98) 1028
sigmoid, obstruction of, (89) 721 —ab
surgery of, (96) 1058
symptomatology of, diseases of, (97) 1058
wounds of, (32) 151—ab
Ureters, cystoscopy and irrigation of, (61) 972
three, demonstrated during life, (1) 1327—ab
Urethra and bladder, foreign bodies in, (51) 901
bacteria of, as factor in etiology of cystitis in women, (23) 1513—ab
calculi of, (72) 1305—ab
diverticulum and cul-de-sacs of, (5) 808, (14) 1415
injuries to, traumatic strictures, and their rational treatment, (46) 1855
multiple, stricture of, with complications, (50) 238
prolapse of mucosa, (70) 813
rupture of, (81) 2056
series of cases in which collections of stones formed in prostatic, (3) 811—ab
stricture of, (62) 810
urethrotomy for ruptured, (62) 1137
various gross pathologic conditions of, as revealed by urethroscope, (94) 1709
Urethral cannula, three-way, (75) 971
mucosa, prolapse of, (70) 813
Urethritis, membranous, probably infectual in origin (117) 154
systematic treatment of chronic, (48) 2038—ab
use and abuse of injections in acute gonorrheal, (10) 1853—ab
Urethrotomies, (93) 1058, (78) 1330
Urethrotomy for ruptured urethra, (62) 1137
internal, (37) 314—ab
internal and external, combined, (66) 1514
Uric-acid, (82) 1597
elimination of, in gout and alcoholism, (60) 2127—ab
diathesis, (96) 209, (46) 725—ab
direct precipitation test for, (55) 1422
test for, (55) 813
therapy, (107) 1220
true significance of, (78) 1418
Urinalysis, (43) 389, (14) 807—ab
Urinary calculus and its detection with x-rays, (17) 1250
organs, importance of cystoscope in diagnosis and treatment of diseases of, (15) 639
tract, treatment of tuberculosis of, in women, *1440
Urine, abnormalities of, and their significance, (39) 1956—ab
aceto-acetic acid in, (40) 643
acute retention of, treated by immediate progressive dilatation, (113) 1959
amino acids in, (50) 543
and blood, changes in concentration of, under influence of mineral waters, (40) 1060
and feces, technic of examination of, in suspected cases of disease of pancreas, (84) 1228
bedside examination of, (67) 644
behavior of iron in, (107) 1775
casts in, their origin and significance, (17) 538—ab
changes in conductibility of, in presence of albumin, (56) 2126
colorimetric determination of sugar in, (109) 1143—ab
determination of acidity of by amount of primary phosphates, (64) 2126
determination of sugar in, (53) 1421
enzyme in, in nephritis, (46) 2216
extravasation of, (79) 154
extravesical, separator of Heuner, (77) 1773
hyaline casts in, (47) 158
incontinence of, (18) 719, *1447, (41) 1559
Urine, indican and skatol in, (25) 311—ab, (42) 312
in rachitis, (111) 1891
methylene blue test of, (92) 189
neurotic vesical retention of, (75) 2129
new pigment in, (106) 1519—ab
practical significance of tract of albumin in, (29) 306—ab
rapid test for albumin in, (82) 1054 —ab
recognition of myelopathic albumose in, (3) 2124
renal retention of, after vaginal hysterectomy, (34) 1060—ab
résumé of recent work in clinical pathology of, (13) 966
sediments, durable preparations of, (67) 394
segregation of, (111) 1512
sugar in, and its significance in life assurance, (21) 1666, (15) 1770 —ab
urethral impediments to evacuation of, (29) 2041
value of routine examination of, *269
Urobilinuria after chloroform, (116) 547—ab
Urogenital apparatus, rare malformations of, (101) 2045
Urology, (52) 2038
Urticaria, etiology and pathology of, (35) 154
pigmentosa, (23) 311, (54) 1772
symptoms and treatment of, (84) 154
Uterine appendages, conservation in gonorrheal diseases of, based on records of 195 patients, (36) 1136 —ab
segment, lower, (105) 1774
Uterus, abdominal section for trauma of, (101) 2124—ab
action of drugs on, (13) 2124
action of Roentgen ray exposures on ovaries and gravid, (28) 2127—ab
and ovary, points in uterine and ovarian physiology and pathology in rabbits, (1) 541—ab
and vagina, treatment of advanced forms of prolapse of, (45) 640—ab
atony of non-pregnant, (82) 1518
best method of removing, through vagina, (120) 74
cancer of, (127) 154, (44) 1226, (83) 1602—ab, (107) 1597, (34) 1767, *1865, *1867, *1869
cancer of, early diagnosis of, (65) 79
cancer of, results of abdominal extirpation of, (61) 77—ab
carcinoma of, (84) 2128
carcinoma of, at Breslau, (91) 315 —ab
choice of methods for dilating gravid, (51) 1228
chronic metritis and arteriosclerosis of, (5) 1857—ab
cystic fibromyoma of, (34) 1323—ab
displacements of, (120) 74
epithelial metaplasia in, (76) 1226
etiology, pathology and treatment of fibroid tumors of, (78) 1857
fibroids of, *1881, *1908, *2065
fibroids of, changes in, after menopause considered with reference to operations, (7) 1858—ab
fibroids of, importance of some symptoms of, (125) 309
fibroids of, unusual cases of, (33) 1771—ab
fibromyomata of, development of treatment of, within last twenty-five years, (1) 722
forceps to hold, in abdominal operations, (90) 1963
galvano-cauterization of, (84) 2128
hemorrhage from, (34) 543
hemorrhage from, during gestation, (70) 1330
infantilism and hypoplasia of, (68) 77—ab
instrumental dilatation of parturient, *1531
innervation of, (62) 2043—ab
lipoma of, (29) 2130
lymph glands in carcinoma of, (84) 1225
manual and instrumental dilatation of pregnant and parturient cervix of, *1534
manual dilatation of cervix of gravid, (34) 539—ab
mechanism of inversion of, (27, 28) 1059
mensuration of child in, with new methods, *1979
multilocular fibrocystoma involving, (87) 309
myoma of, (63) 2043, (84) 2128
myomata of, complicating pregnancy, *1779
Uterus, nerves, influence of, on stomach of non-puerperal uterus, (88) 1226
146 consecutive cases of ventrofixation of, (6) 1858—ab
operative treatment of cancer of cervix, *1869
operative treatment of fibroid tumors of, (5) 548, (32) 971, (90) 1597
partial retroflexion of, gravid (61) 78
pharmacology of, (50) 77—ab
plastic utilization of, for defect of vesical sphincter, (59) 1329 —ab
posterior displacements of, with a description of Mayo's operation, (106) 1397
pregnancy and labor complicated by anterior fixation of, *1888
primary malignant tumors of infantile, (44) 1856—ab
prolapse of, (61) 1769
prolapse of at age of 16, (83) 2128
puerperal gangrene of, (30) 77—ab
radical operation in cancer of, *1872
reciprocal relations between affections of, and its appendages and rest of body, (25) 2125
relaxation and atony of non-puerperal, incident to dilatation and curettage, (29) 2120
removal of, for chronic inflammation, (76) 1226—ab
report of cases of uterine fibroids associated with gallstones, *1259
retroversion of, (71) 1768
retrodisplacements of, treatment of, (13) 965, (147) 981, (47) 1908
Roentgen ray exposure, effect of on ovaries and during pregnancy, (99) 2177—ab
rupture of, (61) 1418, (38) 1816
sclerotic vascular changes in, (82) 1235—ab
sepsis in, (10) 234
shortening of round ligaments or subperitoneal ventro-aponeurotic fixation, (38) 1329—ab
some questions concerning treatment of fibromata of, (52) 1137
steam cauterization of, (101) 89
suction therapy of interior of, (61) 1234—ab
symptoms of cancer of, *1865, *1867
tamponing puerperal, (36) 2120
treatment of retroflexion of pregnant, (134) 74
tuberculosis of adenomyoma of, *768
two cases of double, (12) 71
unusual retroperitoneal tumor in mesocolon simulating impacted fibroid of, (85) 1958—ab
utilization of broad ligaments in complete descent of, hysteromyomectomy and removal of uterine appendages, *1865
vaginal extirpation in case of total prolapse of, (98) 1774—ab
ventrofixation of, after interference with childbirth, (55) 1517
ventrofixation of; its effects on subsequent pregnancy, (101) 74
wandering parasitic or aberrant retroperitoneal uterine fibromata of, (125) 808
when to operate for uterine myoma of, (62) 814—ab
Uveal sarcoma, points in management of, *2159
tract, differential diagnosis and prognosis of tumors of, *459
Uvula, double, in child, (18) 71
sudden hematoma of, (28) 229

V

Vaccination, (51) 2042—ab
in Algiers, (33) 812
influencing infectious diseases by, (52) 1860—ab
Vaccine lymph, practical points about, (19) 823—ab
Vaccines, treatment of postoperative fistula by, according to Wright's principle, (78) 1601—ab
Vaccinia, (70) 1768
Vagina, absence of, and double uterus, (74) 1857
construction of new, (84) 79—ab, (25) 1055—ab, (27) 1573
reaction of secretion of, (55) 77
Vaginal Cesarean section with living child, (62) 1234
section, indications, limitations and technic in pelvic suppuration, (73) 1229
section, results of, and drainage in early cases of ectopic gestation, (40) 539—ab
Vaginitis, gonococcus, in children, (30) 2056

Vaginofixation, births after Cesarean section and, (30) 1326—ab
Vagus reflex, diagnostic and prognostic sign in life insurance work, (72) 1339
Valvular lesions, indirect effects of, (160) 299
Varicella, forms of, simulating smallpox, (21) 849
histology of skin lesions in, (72) 227
Varices, total resection of, (47) 2125
treatment of, on leg with ligature of popliteal vein, (113) 547—ab
Varicocele, high operation for, (51) 1355
Varicella, adrenalin chlorid in, (32) 732
and vaccinia, (122) 2194
Varix, two unusual cases of, (12) 1622—ab
Vas-deferens, calcification of, and seminal vesicles, *1628
new method of anastomosis of, *1628, (37) 480—ab
Vasomotor contraction, spasmodic, with true angina pectoris, (31) 1602—ab
Vasomotors, importance of clear understanding of, and utilization of their function to get best therapeutic results, (5) 1704
Veins, enlarged, in children, (19) 1606—ab
induration of peripheral, (120) 847
results of bilateral transplantation of, (28) 1416—ab
results of operative treatment of varicose, of leg by methods of Trendelenburg and Schede, (74) 1782—ab, (106) 2026—ab
varicose, successfully treated with x-rays, (5) 894—ab
Venereal diseases, duty of medical profession to public in matter of, and how to discharge it, *1245
duty of state toward, *1248
legal measures to prevent, (100) 810
prevention of, (29) 2033
review of recent work in, (32) 1659
should not safeguards from, be thrown around marriage, (99) 810
ulcers, circumcision in treatment, (125) 1905
war against, in France, *1249
what should we teach public regarding, (70) 816, *1252, *1253
Venereal prophylaxis, problems of, remedial suggestions relating to it, (4) 1054.
prophylaxis, publicity as factor in, *1244
Ventricle, tumor of fourth, (34) 902
Veratrum, pharmacology of, *2081
Veratrum-viride in increased arterial tension, (30) 816—ab
in eclampsia, (69) 721—ab
Verdicts, absurd, in cases of insanity, (64) 1239
Vermont, recent phases in connection with, observation law for insane criminals, (101) 970
Verruga peruana, (20) 542—ab
Version, cases of, (69) 1230
Vertebra, dislocation of, in lower cervical region, followed by symptoms of complete severance of spinal cord, etc., (24) 2026—ab
Vertebra, partial dislocation of fifth lumbar, on sacrum, (23) 206—ab
Vertigo, (5) 541, (97) 1760
from nose and throat lesions, (43) 548
so-called laryngeal, (88) 541
Vesical sphincter and mechanism of closure of bladder, (4) 811—ab
Vesicovaginal fistula, transperitoneal operation for, (30) 1030—ab
Vesiculitis, seminal, (62) 1230
subacute and chronic, (43) 902
Vessels and organs, changes in, after injection of suprarenal preparations, (54) 1422
Vibro diaca, *1628
tablets, *1628
Vienna, its opportunities for postgraduate work, (47) 1768
Vigoro, *1627
Vincent's bacillus and spirillum, causal agent of chronic suppurative otitis media necessitating radical operation, (54) 1230
Viola odorata, further work on chemistry of, (30) 2041
Viscera, weights of, in infancy and childhood, with reference to weight of thymus gland, (30) 1136—ab
Viscosimeter, clinical, (20) 462
Vision, apparatus to test, (99) 815, (99) 1063
critical review of American railway association's rules governing visual qualifications of employes, (94)970
disturbances of at childbirth, (102) 29—ab
Vital restoratives, *1628
Vitals, *1628
Vitality pills, *1627
Vitelline duct, malformations of, (28) 182—ab
Vitreous, case of hemorrhage into, (47) 2033
Vocal cords, submucous hemorrhage of right, (27) 1328—ab
Voice, notes on training of, (22) 900
speaking and singing, as affected by abnormal conditions of nose and throat, (62) 73
Volvulus, methods for preventing recurrence of, of sigmoid flexure, (9) 208—ab
of small intestine in typhoid, simulating perforation, (52) 209—ab
of small intestine, occlusion from, (54) 1629—ab
Vomiting, (102) 541
case of uncontrollable, in pregnancy, (66) 1958—ab
clinical types of persistent, (79) 1412
nervous, simulating pyloric obstruction; operation, (97) 154
recurrent, with acetonuria, (37) 640
significance of, (122) 74
toxemic, of pregnancy, (22) 1415
Vulva, phlegmonous gangrene of, in pregnant woman, (83) 1142
plastic operation for covering exposed surfaces with skin after excision of extensive growths of, (32) 151
primary epithelioma of, (22) 2178
tuberculosis of, (55) 979—ab

W

Waller's law, (61) 844—ab
Washstand, portable, for army surgeons, (71) 1234.
Water alcohol disinfection, further proofs of permanent, deep action of, of the hands, (97) 1962
alcohol, hot, disinfection in obstetrics and abdominal surgery, (80) 1424—ab.
and milk supplies of Los Angeles, (110) 543.
choice of mineral for digestive and metabolic disturbance (78) 1963
does drinking of, give typhoid? (1) 629—ab.
drinking, (120) 1230.
internal use of, in prevention and cure of disease, (98) 2039
metabolism of, (54) 208.
practical methods for purification of drinking, (129) 225.
presence of colloids in drinking, (20) 208.
questions, general, (9) 1220
supplies, (9) 1220.
supplies, artificial purification of, (7) 1230.
supplies of cities and towns as bearing on prevention and spread of typhoid, (70) 1959
supply, bacteriologic examination of Melbourne, (27) 1647
supply of drinking, in India and its connection with subsoil water, (30) 1139
supply problems, basic efforts of present day, (6) 1230
Waters, influence of mineral, on gastric secreting function, (35, 36) 213—ab
of crater lake of Taal, with note on phenomena of radio-activity, (75) 227
Wearing out from over function, (72) 212
Weber's syndrome, (105) 815
Weeds, medicinal, (32) 459
Weight, fluctuations in temperature and in, in connection with pathologic anatomic changes in experimental tuberculosis, (42) 2178
relation of, to measurements of children during first year, (10) 1768—ab
Westphal's pseudosclerosis, case of, (17) 1226—ab
sign and croupous pneumonia, (85) 1434—ab
Whey proteids, food value of, (31) 640
Whooping-cough, microbe of, (54) 1600—ab
removal of adenoids in treatment of, (61) 902
success of arsenic in treatment of 8 children with, (47) 1139
treatment of, by chloroform, (42) 1139
Widal reaction, use of killed cultures for, (79) 727
Winthrop, Governor John, jr., of Connecticut as physician, (90) 1307
Witness, suggestions to medical, (75) 1059
Woman, care of parturient, (89) 209
Women, appointment of qualified, with reference to hygiene and feeding of infants, (12) 723
gonococcic infection of, (79) 154
local treatment of, (116) 1857
medical, and public-health questions, (1) 1314—ab
Wood-tick, transmission of Rocky Mountain spotted fever by bite of, (dermacentor occidentalis), *288
Words and things, (12) 1770
Workmen's compensation bill, (24) 1509
Worms, round, in adult, (60) 1418
Worth's method, observations on, of treatment of convergent squint in young children with presentation of cases, (68) 857
Worthy, a forgotten, Dr Diego Alvarez Chanca, of Seville, Spain, *1013
Wound, gunshot of abdomen, with nineteen perforations, operation with recovery, (61) 1513
Wounded, disposal of, of mounted troops, (46) 1529
removal of, in hill warfare, method lately introduced into practice in 20th Punjabis, (22) 899
transport model for conveying recumbent, over rough and mountainous roads, (130) 238
Wounds, bacteriology of aseptic, (22) 2046—ab
best methods of closing aseptic, especially of abdomen, *2135
dried tetanus antitoxin as a dressing for, (6) 1511—ab
firearm, in peace, (73) 295
gunshot, of spinal cord, (14) 1135
observed during Japanese-Russian War, (61) 721
open treatment of, with skin transplantation, (77) 1141
relation of technic of nurses and hospital apparatus to healing of, (41) 1329—ab
treatment of fresh, with heated dressings, (92) 2129—ab
Wright's opsonic theory, principles and applications of, (46) 1233
Wrist, clinical significance of variations of, and ankle, *232
complication with fracture of long bones at, (7) 537
dislocation of, with protrusion of bones, (42) 901—ab
resection of, by lateral incision, (40) 480
Wrynack from otitis, (32) 959—ab
treatment of, (55) 728—ab
Wyeth's method of hemostasis in amputation at hip and shoulder, (39) 481—ab

X

Xanthoma multiplex, with interesting throat complications, (70) 1695
tuberosum, in diabetics, (118) 74
Xeroderma pigmentosum, (38) 1771—ab
X-L-all-vaporizing fumigator, case of poisoning by, (19) 1770
X-radiations, adjustment of, for various physiologic effects, (70) 154
X-ray (see also Roentgen ray)
apparatus, hints regarding management and use of, (26) 79, (35) 543, (38) 895, (56, 60) 1299
as means of thoracic diagnosis, (88) 310
attitude of clinician in regard to exposing patients to, *1425
in splenic enlargements, (14) 902
in study of congenital malformations, (1) 1622—ab
late results of, treatment of cutaneous epithelioma, (5) 2119
management and use of, (24) 70
shadows of cystic and mastitic cold calculi, (20) 542
therapy, practical, (111) 74, (72) 230, (109) 1052, (107) 1419
treatment of ringworm of scalp, (39) 971
use of, in diagnosis of pulmonary diseases, (84) 810
use of, in sinus disease, (122) 1599
X-rays, effect of, on leucocytes in blood and bone marrow in leukemia, (7) 462—ab
influence of, in treatment of leukemia and Hodgkin's disease, *1932
influence of, on nitrogenous metabolism and on blood in myelogenous leukemia, (41) 971
influence of, on chronic bronchial affections, (61) 1861—ab
in metabolism, (70) 1822—ab
measure for quantity of, (22) 896—ab
two cases of varicose veins successfully treated with, (6) 894—ab
use of, in neuritis, (11) 1413—ab
value of, in ocular therapeutics, *994

Y

Yaws, observation of spirochetes in, and granuloma pudendi, (5) 1625
Yeast, brewer's, in phlegmonous tonsillitis, (64) 152—ab
for cutaneous affections, (54) 981
in gastroenteritis in children, (74) 1772—ab
Yellow-fever, an epidemic history of, (57) 1307
calx sulphurata U. S. P., as preventive of, (54) 856
causation and prevention of spread of, (44) 1599—ab
coagulability of blood in, (25) 1854—ab
cold air in treatment of tetanus and, (19) 205
dengue and, (58) 1307
difficult diagnosis of, cases, (120) 208, (95) 1867
epidemic of 1905, experiences during, (72) 1229
in New Orleans and its bearing on health of state, (71) 1229, (97) 1857
our commercial relations with Central America with special reference to, (89) 209
personal experience in preventing spread of, *11
situation, how, was handled in Kenner in 1905, (56) 1307
Yousef's salve, *1627
studies of, (40) 226
Young children, acute intussusception in, (27) 907

Z

Zygoma, vertical division of, (120) 2130

CURRENT MEDICAL LITERATURE

INDEX OF AUTHORS

In this index are the names of the authors of articles which have appeared in THE JOURNAL of the American Medical Association and of articles which have been listed from week to week in the Department of Current Medical Literature as having appeared in other journals. Thus it practically includes the names of all who have published articles in the leading journals of the world during the past six months. The * preceding the page reference indicates that the article appeared in full in THE JOURNAL. The numbers in parentheses indicate the numbered paragraphs on the page referred to. The numbers not in parentheses indicate pages.

A

Aaron, C. D., (8) 2035
Abbe, R., *283
Abbott, W. C., (132) 74, (5) 1764, (72) 2029
Abell, I., (136) 74
Abeles, E. A., (107) 1775
Abeles, S., (65) 2126
Abrahams, R., (118) 74
Abrams, A., (55) 2122
Abt, I. A., *1184
Achocarro, N., (94) 1774
Acres, S. F., 1408
Adam, J., (4) 1959
Adamkiewicz, A., (29) 1961
Adams, E., (12) 718
Adams, F. A., (108) 541
Adams, S. S., (32) 806
Adie, J. R., (30) 1961
Adler, H. M., (100) 1691
Adler, J., (11) 2176
Adler, Jr., L. H., *1265
Ager, L. C., (11) 805
Agren, E., (65) 1963
Agramonte, A., (12) 537
Ahlberg, N. A., (92) 903
Ahlfeld, G., (69) 1142
Ahrmann, E. H., (114) 1144
Ahrens-Schonberg, (60) 394
Alcock, N. H., (19) 1515
Alden, E., (19) 538
Aldershoff, H., (57) 1590
v. Alder, L., (73) 1601
Alexander, A., (32) 313
Alexander, D. M., (19) 1419
Alexander, H. C. B., (114) 2124
Alger, E. M., (9) 1954
Alghisi, P., (29) 150, (43) 900, (54) 1689
Ali, K., (73) 1063
Allan, G. A., (25) 1420
Allan, J., (16) 1419
Allard, E., (122) 975
Allard, F. E., (110) 257
Allard, H., (69) 813
Allaria, G. B., (110) 2046
Allbutt, T. C., (6) 1685, (12) 1770
Allchin, W. H., (27) 1770, (40, 42) 2041
Allee, W. S., (92) 1959
Allen, C. W., (50) 256, (60) 1597
Allen, D. P., (19) 538, (31) 1329
Allen, E. S., (109) 2029
Allen, L. M., (40) 808
Allen, M., (19) 2176
Allen, R. A., *1329
Allen, R. McD., (65) 721
Allen, S. G., (41) 1599
Allen, T. C., (68) 1958
Allen, T. G., (60) 1329
Allfeld, F., (67) 1962
Allison, N., (59) 1137
Allport, F., *92, (91) (128) 154
Almy, L. B., (57) 256
Altmann, S., (84) 314
Amlar, L., (40) 724
Amberg, E., (72) 74, (35) 306, (65) 1137, (33) 1416
Ames, C. B. S., (16) 723
Anders, J. M., (1) 233, (109) 970, (76) 1418, *1432, *2083
Andersen, K., (122) 1966
Anderson, A. R. S., (21) 723
Anderson, A. V. M., (43) 1516
Anderson, B., (107) 810
Anderson, J. F., *1007, (43) 1056, (57) 1239
Anderson, R., (99) 1230
Anderson, W. S., (62) 73
Andrew, C. F., (75) 1958
Andrewes, F. W., (12) 1230, (11) 1321, (15) 1419, (22) 2125
Andrewes, J. W., (97) 1514
Andrews, E. W., (20) 151
Andrews, F. T., *1707
Andrews, O. W., (2) 1857
Angney, W. M., (56) 806
Annand, W. F., (10) 75
Annandale, T., 708
Anthony, H. G., (39) 1767
Anton, G., (101) 1143, (84) 1424
Apelt, F., (61) 1335
Apetz, W., (85) 545
Apolant, H., (104) 315, (29) 642, (50) 643
Archambault, J. L., *788
Archibald, E., (6) 74, (9) 310
Ard, F. C., (99) 1230
Argutinsky, P., (74) 1601
Arkel, S., 608
v. Arlt, R. R., (118) 1601
Armstrong, G., (45) 1329
Armstrong, G. E., (33) 987, (11) 1959
Armstrong, H., (20) 971
Armstrong, J. M., (127) 309
Arneth, J., (41) 1333
Arnold, I. A., (69) 1330
Arnold, J., (75) 242, (82) 467, (48) 643
Aronson, H., (68) 1234
Aronstam, N. E., (5) 808, (14) 1415, (94) 1769, (78) 2029
Aschaffenburg, G., (57) 1880
Aschoff, (9) 1766
Aschoff, L., (54) 465, (73), 1880, (105) 1774, (68) 1951
Asheck, E., (92) 2128
Ash, E., (9) 970
Ashburn, P. M., (21) 1415
Ashby, H., (3) 1598
Ashhurst, A. P. C., (24) 306
Ashmead, A. S., (61) 808, (107) 970, (117) 2124
Aspell, J., (25) 234, (19) 805
Assfalg, (68) 2045
Assmann, G., (97) 1235
Astrop, C. W., (60) 722
Atkinson, D. T., (97) 970
Atkinson, J., (58) 719
Atkinson, W. H., (33) 389
Atwood, L., (98) 1130
Aubertin, C., (43) 901, (48) 1576
Aubineau, E., (66) 542
Audry, C., (34, 47) 76, (37) 1771
Auerbach, B., (53) 643
v. Auffenberg, F., (103) 467
v. Auffenberg, G., (39) 1592
Austin, A., (30) 794
Austin, C. K., (83) 1418
Austin, M. A., (108) 154, (14) 805
Austin, R. E., (47) 1599
Auvergy, G. A., (113) 2046
Axhausen, (71) 466, (72) 545
Ayres, S. C., (73) 979
Ayres, W., (15) 238, (98) 1058
Ayrignac, J., (37) 76, (36) 1771.

B

Baar, G., (5) 718
Bab, H., (82) 972
Babbitt, J. A., (93) 1235
Babcock, W. W., (15) 1135
Babes, V., (30) 1517, (46) 1859
Babler, E. A., (125) 74, (15) 151
Baccarani, U., (119) 547, (77) 814
Bach, H., (47) 794
Bachrach, B., (66) 1229
Backer, J., (42) 240
Bacon, C. B., (92) 894
Bacon, G., (17) 2040
Bacon, R. F., (75) 237
Baer, J., (28) 2177
Baer, J. S., (ed) 1857
Baermann, (93) 1235
Baeslack, W. W., (63) 909
Baglioni, G., (71) 902
Bagulan, A., (60) 902
Bahadur, C. L. B., (56) 1961
Baidea, (73) 1861
Bailey, (40) 1956
Bailey, A. C., (76) 1330
Bainbridge, W. S., (94) 722, (3) 894
Baird, A. W., (17) 71
Baisch, K., (88) 972, (85) 1802
Baker, A. H., (47) 238, (129) 541
Baker, L. K., (108) 810
Baker, M. R., (113) 1321
Baker, S. C., (75) 1703
Baker, S. J., (124) 970
Baker, W. H., (122) 1857
Baker, W. A., (61) 153
Baker, W. H., (21) 234
Baldasseri, L., (76) 902
Baldauf, L. K., (20) 1954
Baldoni, A., (116) 1519
Baldwin, A., (13) 542, (21) 1332
Baldwin, H., 1408
Baldwin, J. F., (53) 721, (69) 1397, (90) 2124
Baldwin, W. H., *2054, (11) 2129
Baldy, J. M., (37) 538, (90) 1138
Ball, C. R., (129) 306
Ball, J. M., (21) 719
Ball, M. V., (55) 1957
Ballance, C. A., (16) 1588, (17) 1686
Ballance, H. A., (26) 987
Ballantyne, J. W., (91) 1418
Ballenger, E. G., *308, (35) 1767
Balleray, G. H., (78) 1857
Balser, F., (71) 972
Bandelier, (58, 60, 70, 71) 1699
Bandi, L., (26) 314, (117) 1965
Bandler, S. W., (55) 1330
Bane, W. C., (98) 1685
Banfield, A. P., (74) 1514
Bangs, L. B., (1) 71
Banks, C. E., (103, 104) 1685
Bannan, T., *274
Barach, J. H., (14) 718
Baradoulio, 1218
Baratynski, P., (94) 1601
Barba, S., (48) 2178
Barbagallo, P., (63) 644
Barbour, A. H. F., (4) 1130, (129) 1959
Barbour, L. P., (3) 1134
Barbour, P. F., (67) 721
Barclay, R., (92) 2123
Bard, L., (30) 794
Bardes, A., (6) 1764
Barendt, F. H., (37, 38) 971
Barker, A. E., (26) 1515
Barker, A. E. J., (9) 811
Barker, L. F., (21) 1595, (7) 1749
Barker, M. H., (12) 1328, (18) 1512, (20) 1765, (9) 1955, (12) 2129
Barling, H. G., (10) 722
Barling, J. E. V., (34) 1516
Barlocco, A., (61) 150
Barnes, F. L., (125) 309
Barnes, N. P., (25) 1956
Barnett, M., (7) 1397
Barnett, R. M., (28) 1956
Barnett, C. E., (106) 970, (31) 1662
Barnhill, J. U., (107) 2030
Barnsby, H., (57) 1329
Baroni, G., (58) 902
Barr, J., (1) 970, (22) 1136, (123) 1331, (10) 1769
Barr, J. W., (57) 256, (20) 812
Barr, M. W., (126) 722, (10) 1624
Barras, W. G., (55) 1771
Barratt, H. J., (19) 809
Barret, G., (94) 642, (34) 900
Barrett, E. M., (95) 1959
Barrett, J. W., (28, 30, 31) 1667
Barra, A. G., (9) 75
Barry, D. T., (34) 2041
Bartlett, W., *734
Barton, P. H., (81) 1514
Bartram, J. D., (83) 722
Baruch, S., (1) 1414
Barwell, H., (19) 239, (25) 1960
Basch, K., (51) 1209
Base, D., 852
Bashford, E. F., (44) 312
Bass, C. C., *1265
Bassett-Smith, P. W., (25) 543
Bassenge, L., (87) 1897
Bass, U., (56) 1883
Bassoni, C., (124) 1965
Bastedo, W. A., (4) 1764
Bateman, H. E., (62) 1899
Bates, F. W., (14) 2030
Bates, H. L., (48) 640
Bates, M. E., (99) 541
Bateson, W., (1) 462
Batts, W. G., (73) 150
Bauer, J., (43) 724
Bauer, S., (102) 80
Baughman, G., (85) 722
Baum, H., (79) 1772
Baumann, E., (83) 1063
Baumann, L., (111) 1691
Baumann, W., (77) 242
v. Baumgarten, P., (61) 1699
Baumstark, M., (77) 155, (35) 312
Baxter, J. M., (38) 396
Bayer, C., (76) 78, (72, 73) 1517
Bazet, (69) 972
Beaty, L. G., 1321
Beach, W. M., (39) 389
Beadles, F. H., (83) 154
Bean, J. W., (84) 73
Beard, C. H., (58) 719
Beattie, J. M., (4) 2124
Beatty, W., (23) 311
Bebb, R. A., (70) 1056
Beck, A., (69) 1962
Beck, C., (100) 225, (1) 304, (46) 989, (7) 998, (64) 1685, (46) 2121
Beck, J. C., (45) 2121
Becker, E., (98) 1235
Becker, H. A., (52) 806
Becks, S. F., *283
Beebee, E. L., (14) 1899
Beecher, C. H., (75) 1330
Beede, R. C., (43) 1299
Beer, A., (51) 313, (106) 975
Beer, E., (2) 806, (28) 1063
Beeson, C. F., (118) 1330
Behrman, M., (18) 1902
Beitzke, H., (99) 974, (49) 1329
Belcher, C. E., (98) 970
Belfield, W. T., (6) 1955, (105) 1959, (38) 2130
Bellaz, C. E., (11) 1955
Bell, C., (57) 640
Bell, J., (35) 988, (9) 1959
Bell, J. F., (120) 722
Bell, J. W., (30) 256
Bell, R., (3) 1414
Bell, W. B., (34) 971
Bellander, N., (69) 813
Bellucci, G., (65) 902
Belot, J., (38) 1915
Belt, A. A., (79) 1597
Bence, J., (70) 1423
Bendix, E., (109) 1143
Benedict, L., (101) 154, (79) 1330 (60) 1514, (2) 1594, *1616, (57) 2127
Benedict, H., (96) 1802
Benedikt, M., (61) 465
Benglaret, R., (53) 77
Benhamou, (61) 1958
Benjamin, A. E., (28) 380
Benjamin, E., (70) 1961
Benjamin, J., (13) 73
Bennecke, M., *1720
Benn, W. J., (80) 722
Bennecke, A., (90) 1142, (60) 2043
Bennecke, H., (100) 1803, (73) 1880
Bennett, Jr., A. R., (27) 1956
Bennett, C. D., (140) 74
Bennett, F. C., *1635
Bennett, J. W., (64) 1857
Bennett, T., (60) 309
Benoit, M. L., (17) 1902
Bensaude, R., (45) 812
Benthall, A., (24) 1599
Bentz, C. A., (38) 1767
Bentzen, S., (75) 727
Berard, L., (30) 156
Berg, A. A., (1) 537
Berg, H. W., (2) 150
Bergel, A., 1329
Berger, C., (76) 242
Berger, F. R. M., (76) 466

Berger, R. M., (91) 1023
Bergey, D. H., *280, (48) 640, (93) 1139
Bergh, R., (42) 158
Beriel, (40) 542
Beriel, L., (42) 1771, (49) 2126
Berks, F. (102) 2045
Berlin, W. C. K., (93) 810
Bernard, F. R., (57) 1597
Bernard, L., (31) 311
Bernart, W. F., (105) 74, (86) 154, (35) 720, (42) 1513
Berndt, F., (31) 1222
Berner, O., (41) 1988
Bernhardt, M., (93) 1140, (79) 1423
Bernheim, F., (55) 2042
Bernheim-Kerrer, (69) 1053
Bernstein, E. P., (32) 1706
Bernstein, J., (6) 722
Berry, J. (30) 1515
Berry, J. M., (44) 968, (62) 1856
Berry, W. D., (101) 970
Berti, A., (106) 546, (64) 644
Bertolini, (64) 971
Pesta, C., (84) 902, (117) 2045
Bestelmeyer, H., (85) 243
Bettmann, (60) 79, (58) 2126, (30) 2177
Bevan, A. D. *1075
Beveridge, W. W. O., (32) 809
Beyea, H. D., (45) 640, (28) 1684, (77) 1857
Beyer, H. G., (49) 898
Bezold, (58) 320
Bickel, A., (60) 1062
Biddle, T. C., (86) 1330
Bielschowsky, A., (121) 1021
Biemstock, (50) 971
Bier, A., (46) 642
Bierring, W. L., *1140
Biland, J., (54) 1427
Bill, A. (32) 306, (32) 538
Billings, F., (103) 154, *840
Binder, G., (80) 1517
Bindi, F., (62) 644
Bing, R. (62) 1517
Bingel, A. (94) 1143
Bingham, C. A., (6) 1929
Binnie, J., (104) 1419
Binnie, F., 1200
Binz, C., (99) 467
Birchmore, W. H., (113) 227, (39) 397, (107) 1597, (101) 1769
Birdwood, G. T., (17) 722
Birge, R. H., (21) 826
Birnbaum, R., (39) 240, (91) 1225
Birt, C., (26) 76, (37, 42) 1599
Bishop, E. S., (16) 811
Bishop, F. B., (155) 74
Bishop, L. F. (49) 153, *651, 998, *1234, (106) 1857
Bispham, W. S., (92) 897
Bissell, D., (28) 600
Bisson, O., (20) 1515
Bittorff, A., (80) 467
Black, N. M., (94) 970
Black, R. S., (32) 1698
Blackader, (78) 1258, (14) 2124
Blackburn, I. W., (39) 807
Blackett, E. J., (19) 1770
Blackham, R. J., (29) 76
Blaine, J. M., (93) 1419
Blair, J., (33) 971
Blair, V. P., (60) 1127
Blake, C. J., (14) 305, *1809, (18) 2040
Blake, J. A., (30) 1229, (6) 1304
Blanchard, (38) 815
Blanchard, R., (35) 812
Bland, P. B., (33) 2130, (41) 2121
Bland-Sutton, J., (26) 1770
Blatt, (33) 240
Blecher, (74) 545
Bledsoe, C. C., (28) 460
Bleibtreu, M., (114) 975
Bliss, W. A., (45) 1417
Blesh, A. (113) 74
Bliss, M. A., (167) 300
Bloch, C. E., (50) 158
Bloch, E., (84) 2044, (71) 2127
Blodgett, A. N., (31) 807
Blodgett, W. F., (38) 1513
Bloodgood, J. C., (34) 967, *1470
Bloom, I. N., (124) 1857
Bloom, J. D., (46) 236, (94) 1857
Blum, F., (92) 1518
Blum, L., (1) 2176
Blume, C. A., (42) 1233
Blumenkranz, R., (20) 240
Blumenthal, F., (53) 1062
Blumer, G. A., (120) 1419
Blumreich, L., (63) 77, (92) 314
Blystone, H. L., (147) 74
Boas, I. 1219
Bocciardo, (62) 159
Bocher, E., (71) 727
Bocthke, J., (88) 594
Bodine, E. (26) 185
Bodtker, A. (135) 1086
Boeckel, J., (24) 1059
Bonninghaus, G., (99) 2039
Boerl, G., (100) 1883
Boesser, (38) 2044
Boettcher, H. H., (74) 1685
Bogart, A. H., (48) 800
Boggess, W. F., (118) 898, (122) 1851
Boggs, R. H., (70) 154, (12) 639
Boggs, T. R., (51) 1057, (59) 1417
Bohm, M., (16) 1966
Bohmer, A., (85) 2044
Bolce, C. J., (93) 154, (114) 1235
Boinet, (29) 464
Boise, E., (46) 532
Boisliniere, L. C., (18) 1504
Bokisson, 281
Bok, E. M., (116) 309
Bokelmann, (67) 544
Bolton, P. R., (33) 1683
Bond, C. J., (1) 541, (19) 1959
Bond, G. D., (58) 640
Bongiovanni, A., (115) 547, (92, 95) 815, (32) 1599, (88) 1863, (122) 1965
Bonhoeffer, K., (58) 1140
Bonnes, J., (25) 155
Bonney, S. G., *250, (8) 895, (10) 1594
Bonney, V., (102) 1984
Bookman, A., (110) 1601
Booth, D. S. (124) 722, (110) 2124
Borchardt, M., (48) 1080, (75) 1517
Borchgrevink, O., (134) 1068
Bord, B., (42) 1721
Bordeu, W. C., (74) 1968
Bordet, J., (62) 971, (54) 1509
Bordoni, T., (88) 815
Borelius, J. (99) 903
Borgula, (92) 1023
Borrel, A., (38, 39) 812
Borri, A., (38) 1420
Borrmann, R., (117) 468, (97) 2129
Borutau (54) 725
Bose, J. W., (117) 1419
Bossi, L. M., (50) 1234
Boston, L. N., (83) 74, *1141
Boucher, (51) 1139
Boucher, J. B., (14) 1134, (17) 1765
Bouet, G., (57) 971
Bouffard, G., (50) 971
Bouffleur, A. J., (45) 153
Bouriand, C. O. M., (83) 390
Bourneville, 1844
Bourrier, E. L., (56) 971
Bovaird, Jr., D., (80) 1138, (85) 1220
Bovee, J. W., (38) 235, (39) 538, (95) 722, (36) 908, (20) 1854
Boveri, F., (55) 313
Bowditch, V. Y. *317
Bowen, J. T., (42) 1056, (83) 1229
Bowen, W. H., (10) 75
Bowers, W. C., (13) 1504
Bowlby, A., (39) 2041
Bowser, J. E., (3) 1760
Boyd, F. D., (57) 1597
Boyd, G. M., (37, 41) 808, *1528
Boyer, S. H., (121) 1138
Boyle, R. C., (40) 1138
Bracchi, E., (66) 902
Bracken, H. M., (46) 1329
Bradbury, J. B., (17) 2124
Braden, J. M., (85) 810
Bradford, H., (90) 237, (30) 967, (122) 1965
Bradford, S. S., (4) 387
Bradley, E. B., (23) 807, *1722, *1798
Bradshaw, T. R., (21) 971, (5) 2124
Brady, F., (73) 1514
Brainerd, H. G., (79) 74
Brainlin, W. C., (83) 1788, (56) 1856
Bramlett, E. S., (71) 721
Bramson, L., (53) 158
Brandeis, B., (94) 155, (9) 238
Branch, C. W., (7) 74
Brandweiner, A., (51) 1772
Branham, J. H., (69) 1418
Brasch, W., (87) 396, (50) 1333
Brau, (58) 971
Brav, A., (36) 460, (73) 897
Brawley, P. E., (78) 540
Brayton, F. W., (35) 1513
Breathwit, W., (85) 396
Brehmer, C., (67) 1063
Breinl, A., (20) 155, (11) 641, (19) 1139
Breisacher, L., *558
Breiter, N., (12) 387
Breitung, (92) 1963
Brem, W. V., *1629, *1992
Brenner, J. (25) 1056
Bremmerman, L. W., (58) 1229
Brenner, A., (71) 2043
Brentano, A., (87) 243, (71) 1234,
Brewer, I. W., (9) 1135, (5) 1503, (54) 1597, (85, 89) 1769, (15) 1853
Brewster, M. P., (121) 722
Brickner, W. M., (32) 1513
Bridge, N., *1262, *905
Bridges, W. O., *1065, (62) 2122
Briggs, H. H., (93) 541
Briggs, L. V., (15) 71, (17) 967
Briggs, W. A., (104) 1231
Brinton, W., (9) 254
Briscoe, J. P. 1213
Bristow, A. T., (50) 1768
Broadbent, W., (22) 463, (6) 1685
Broca, A. (9) 78
Brock, W. R. (75) 810
Brocq, L., (36) 1771
Brodhead, G. L., (20) 234, (15) 1765
Brodzki, J., (54) 1140
Broer, (66) 1424
Broers, C. M., (57) 1509
Bronner, A., (5) 810, (16) 1770, (7) 2124
Brönnum, A., (46) 158, (105, 108) 2129
Brooke, B., (28) 1420
Brooke, R., (104) 309
Brooks, H., (7) 1594
Brooks, H. T., (88) 1514
Brooks, P. R., (3) 150
Brösse, P., (82) 1236, (84) 1689
Brothers, A., (4) 718, (62) 721, (25) 1055, (27) 1573, (130) 1857
Broughton, L. C. S., (14) 155
Broun, Le. R., (5) 458
Brower, D. R., *83
Brown, E. J., (117) 970, (61) 1229
Brown, E. V. L., (55) 153, *419
Brown, G. S., (39) 1228
Brown, H. C., (95) 1230
Brown, I., *262
Brown, J. (42) 389
Brown, J. Y., (96) 2124
Brown, L., (25) 807
Brown, N. W., (72) 1597
Brown, O. H., *1265, 1408, (25) 1765, (1) 2174, E. J., (50) 1958
Brown, P. K., (2) 1054
Brown, R. E., (83) 970
Brown, R. H., (66) 1768
Brown, S., (75) 462, (11) 2175
Brown, W. C., (6) 238
Brown, W. H., (24) 302
Brown, W. L., (40) 1417
Browning, C. C., (80) 74
Browning, C. H., (31) 642
Browning-Smith, S., (21) 1139
Brownson, J. J., (5) 1327
Brubaker, G. A., (115) 970
Bruce, D., (28, 27) 545, (24) 809, (32) 1509
Bruce, F., (24) 76, (26) 809, (38, 48) 1509
Bruck, C., (88) 79, (62) 394, (67) 1234
Bruess, J., (113) 1419
Bruggeman, H. O., (70) 1768
Brugnola, A., (118) 1519
Brugsch, T., (58) 467
Bruhns, C., (50) 302
Brumby, ., M., (88) 309
Brumke, (70) 313
Brumpt, (27) 311
Brumpt, E., (97) 729
Brunet, G., (61) 77
Brunk, T. L., (87) 1058
v. Bruns, H., (79) 1602
Bruns, H. (56) 236, (72) 1229
Brusa, O., (96) 1145
Brunton, L., (88) 74, (21) 2040
Brush, A. C., (5) 639
Brush, E. R., (73) 722
Bryan, W. A., (124) 228, (95) 1597
Bryant, A. G., (17) 1055, (19) 2040
Bryant, J. D., (12) 151, (35) 967
Bryant, W. S., (129) 236, (1) 808, (84) 1137, (14) 1872, (95) 1865, (117) 1857
Bryce, P. H., (13) 1514
Buchanan, F. G., (98) 541
Buchanan, H. J. M., (11) 310, (7) 462, (36) 971
Büchler, A. F., (47) 896
Buchman, A. P., (105) 970
Buchner, (82) 1063
Buckley, C. F., (8) 1682
Buckwalter, J. C., (88) 897
Bucura, C. J., (89) 1235
Budin, P., (25) 239
Buerl, P., (90) 84
Buhlig, W. H., (27) 460
Bukowski, R., (82) 314
Bulette, W. W., (80) 154, (36) 1328, (76) 1965
Bulkley, L. D., (10) 1514, (68) 1897, *1630
Bull, C. G., (78) 722
Bull, Jr., C. P., (88) 1229
Bull, C. S., *823
Bull, P., (127, 133) 1966
Bull, R. J., (27) 1697
Bull, W. T., (111) 154
Bullard, F. D., (79) 74
Bullard, W. N., *1717
Bullitt, J. B., (120) 309, (118) 1331, (28) 2036
Bullock, Jr., W. A., *1017
Bülow-Hansen, V., (111) 1864
Bumm, E., (92) 314, (36) 1333
Bunge, O., (86) 78
Bunting, C. H., (117) 810, (35) 1856
Bunts, F. E., (30) 237 (47) 538
Burckhard, G., (80) 1338
Burdick, 1120
Burgevin, F. E., (127) 541
Burgi (Berne), E., (66) 942
Burk, W., (88) 1963
Burkhard, A. F., *1486
Burkard, O., (63) 1800
Burke, J., (14) 1238
Burke, M. O., *583
Burnet, E., (88) 76, (55) 1509
Burnet, J., (16) 1120
Burnett, J. A., (120) 541
Burnett, S. J., (76) 1259, (84) 2039
Burnett, W. F., (55) 2038
Burns, T. M., (42) 967
Burr, A. H., *1867
Burr, C. W., (30) 306, (91) 390, (77) 597, (10) 1226
Burr, W. R., (110) 1138
Burroughs, W. J., (17) 391
Burwash, H. J., (86) 1768
Burwinkel, O., (51) 465
Busalla, (71) 242, (53) 1517
z. Busch, J. P., 294
Buschke, A., (46) 240
Busck, G., (90) 2044
Bushnell, G. E., (92) 1857
Buskett, N. H., (112) 1969
Busse, W., (69) 1861
Bussey, A. J., (115) 1230
Butler, A. F., (91) 722
Butler, C. S., (53) 806
Butler, G. F., (95) 74, (27) 840, (95) 1055, (93) 1138, (3) 1327, (98) 1418, (66) 2039
Butler, T. L., (63) 1230
Butler, W. J., *2130
Büttner, O., (90) 973
Buttze, E. J., (60) 1058
Buxton, B. H., (34) 1056
Buzzard, T., (7) 310
Byers, (1) 1514
Byles, P. G., (91) 810
v. Bylicki, L., (31) 1518

C

Cabot, F., (124) 74, (63) 721
Cabot, H., (57) 721
Cabot, R. C., (16) 238, *982
Caffey, R., 1728
Cahier, L., (52) 2126
Caillaud, (28) 1231, (62) 1688
Cain, A. w., (119) 1331
Cairns, D. (94) 1514
Calabrese, A., (103) 815
Caldwell, C. E., (23) 460
Calewras, C., (107) 1964
Caley, H. A., (2) 74
Calmette, A., (94) 971, (25) 1231, (112) 1231, (49) 1599
Cameron, H. C., (7) 1139
Cameron, J. A., (18) 2176
Cameron, J. S., (12) 723
Cameron, M., (13) 1857
Cammidge, P. J., (54) 1228
Campana, R., (114) 1519
Campani, A., (71) 150, (111) 846
Campbell, A. D., (69) 640
Campbell, D., (81) 462
Campbell, D. A., (124) 722
Campuell, Jr., G., (109) 309
Campbell, H., (94) 300
Campbell, O. B., (165) 808
Campbell, W. C., *782
Campbell, W. F., (93) 808, (87) 1330
Campora, G., (79, 87) 814
Cannada, (72) 1138, (70) 1418, *1454, (22) 1765, (5) 1955
Canon, (57) 313
Cantamessa, G., (35) 2178
Cantelli, D., (41) 970, (44) 1241
Cantlie, J., (14) 239, (22) 1420, (22) 1770
Cantrell, C. E., (87) 200, (53) 966
Cantrowitz, M., (67) 1063
Capaux, J., (82) 1062
Capillery, C., (40) 900
Cappellani, S., (125) 547
Carel, H. C., (94) 1330
Carey, C. C., (61) 968
Carletti, M., (68) 159
Carlini, V., (70) 402
Carll, W. E., (90) 1857
Carmalt, H., (93) 1230
Carnot, P., (22) 1231
Carpenter, C. R., (2) 537
Carpenter, E. W., (78) 1768
Carpenter, G., (18) 541, (19) 1858
Carpi, U., (60) 1062
Carr, H., (38) 1516
Carrel, A., (28) 1415, *1648
Carrier, A. E., *1250
Carrière, G., (90) 973
Carroll, F. F., (25, 30) 76, (34) 1599
Carroll, J., (71) 1229
Carson, H. W., (13) 1959
Carstens, J., (*1889, (19) 1956, (19) 2036, *2133, (98) 2124
Carter, J. C., *37, (14) 1054
Carter, N. McL., (130) 1139
Carter, W., (13) 971
Carter, W. S., (79) 309
Carter, W. W., (70) 540
Cartledge, A. M., (38) 2036
Carusi, A., (120) 2046
Carver, A. E., (6) 402
Cary, E. H., (80) 300
Casciani, P., (122) 547
Casper, (75) 1601
Cassady, D., *2012
Cassel, (55) 1294
Casselberry, W. E., (38) 72, (66) 540

Cassidy, J., (4) 1231
Castellani, A., (8) 722
Castle, H. A., (103) 541
Castronuovo, G., (115) 1519
Caswell, B. H., (14) 151
Catholre, (42) 543
Catlin, J. J., (135) 898
Catola, G., 1317, (94) 1774
Cattie, C. H., (9) 462, (33) 465
Caulkins, J. S., (58) 402, (79) 722, (37) 1513
Cautley, E., (13) 1508
Cazely, W. H., (38) 1859
Cazenave, W., (25) 1333
Center, C. D., (55) 898, (67) 1229
Cerletti, U., (42) 1767
Chaldecott, J. H., 607
Chalmers, A. K., (10) 899
Chamberlin, W. A., (29) 299
Chambers, G., (93) 237, (104) 898, (11) 1514
Chambers, J. Q., (49) 1417
Chambrelent, (46) 308, (68) 972
Champeaux, M., (22) 1139
Chance, B., (8) 718
Chandler, M. L., (77) 1330
Chantemesse, (39) 812, (40) 1901
Chapin, C. V., *274
Chapin, H. D., (8) 2120
Chapman, C. W., (12) 641
Chaput, H., (31) 302
Charles, J. B., (48) 1668
Charles, J., (42) 1137
Charrin, A., (46) 1516
Chase, I. C., (88) 309
Chase, R. F., *274
Chase, R. H., (10) 898
Chasmaignac, C., *2075
Chatterjee, G. C., (7) 970
Chatterji, K. K., (37) 1859
Chaulin, (30) 1141
Chauvel, (20, 34) 812
Cheatham, W., (121) 1857
Cheatle, G. L., (23) 463, (28) 543
Cheinisse, L., (34) 239, (37) 1060, (56) 2042
Chenhall, W. T., (35) 734
Cheshire, W. L., (82) 402
Chetwood, C. H., (30) 1668
Chevriet, L., (39) 900
Chiericl, L. (61) 902, (99) 1863
Child, Jr., C. G., (28) 1518
Child, S. P., (108) 898
Chill, F. 1272
Chilodi, W., (119) 1965
Chittenden, R. H., (8) 1709
Christensen, C., *567
Christian, H. A., *349
Christian, H. M., (33) 640, (114) 970
Christiansen, V. (106) 2129
Christianson, J. T., (16) 2176
Church, A., (80, 81) 890, (83) 1138, (60) 1513, (77) 2123
Church, W. F., *1614
Cigheri, M., (84) 1335
Cignozzi, O., (105) 315, (120) 547, (109) 1578, (114) 2046
Cilley, H., (87) 1514
Cipolletta, A. (34) 2178
Civatta, A., (48) 76
Claiborne, J. H., *690, *1813
Clairmont, P., (35) 814, (35) 1222
Clark, C. F., (71) 1127
Clark, C. P., *2180
Clark, E. E., (109) 1959
Clark, F. S., (25) 538, (96) 1138
Clark, J. D., (38) 1956
Clark, J. G., *1895, *1897
Clarke, A. P., (67) 1597
Clarke, C. B., (37) 2176
Clarke, C. K., (5) 1419
Clarke, F. S., (82) 1597
Clarke, J. J., (67) 2122
Clarke, T. W., (30) 1415
Clausen, (56) 1334
Clay, J. (3) 74
Clayton, T. A., (28) 1956
Cleaver, L., (67) 154
Clegg, J. T., (70) 1330
Clelat, (30) 1771
Cleland, J. B., (23) 724, (30) 1419, (27) 1509
Clemens, J. R., (17) 234
Clemens, F., (90, 91) 1513
Clement, M., 61
Clements, J., (99) 1597
Clemesha, W., (34) 1515, (36) 1859
Clift, F., (98) 1230
Cline, B. F., (125) 74
Cline, L. C., (72) 540
Clinton, F. S., (85) 2039
Clinton, M., (44) 1508
Clogg, H. S., (20) 1656
Cleaves, G. H. A., (24) 151, (62) 909
Clubbe, C. P. B., (22) 302
Clutton, H. H., (21) 1060
Coakley, C. G., (13) 2040
Cobb, F., (32) 960
Coble, P. H., (77) 2039
Coburn, E. B., (73) 402
Cocca, A. F., (43) 640
Cockle, W. F., (18) 1059, (15) 1220
Cocks, E. M., *2198
Codivilla, A., (66) 2122
Codman, E. A., (46) 721, (11) 1872
Coe, H. C., (49) 1228
Coe, W., *1060
Coffey, R. C., 718, (31) 1065
Coffin, T. H., (121) 810
Coffman, W. H., (46) 1229
Cogan, J. E., (95) 970
Cohen, B., (60) 1793
Cohn, E., (82) 1060
Cohn, J., (48) 312
Cohn, M., (56) 813
Cohn, P., (38) 1062
Colt, H. L., (119) 722
Colburn, J. E., (44) 236
Colby, B. D., (88) 390
Cole, C. R., (85) 1514
Cole, F. H., (30) 302
Cole, G. L., (106) 541
Cole, L. G., (5) 1414
Coleman, J. M., (152) 74
Coles, S., (29) 2120
Coley, T. L., (10) 2124
Coley, W. B., (38) 1685
Collins, A. N., (62) 153
Collins, J., (91, 71, 125) 970
Collins, M., (125) 541
Colman, W. S., (12) 463
Colmers, F., (88) 243, (68) 2043
Colollan, 226
Colotti, A., (118) 547
Colt, G. H., (22) 230, (21) 1419
Combelléran, C., (49) 76
Comforti, G., (88) 815
Comrie, J. D., (11) 1415
Comte, C., (45) 971
Conaty, T. J., (105) 541
Condon, A. P., (124) 898, (47) 1229, (60) 2122
Congdon, C. E., (101) 2124
Conkey, C. D., (73) 540
Conn, J. E., (88) 2039
Connell, F. G., *406
Conner, L. A., (23) 898
Conradi, H. (102) 1235, (115) 1691
Constantin, E., (41) 76
Conti, A., (63) 158, (97) 244, (68) 902
Cook, A. M., (78) 722, (108) 898
Cook, J. C., *2141
Cook, J. E., (67) 309
Cook, J. R., (85) 722
Cook, P. E., (17) 2214
Cooley, T. B., (61) 73
Coolidge, E. L., (61) 640
Cooper, C. E., (77) 1958
Cooper, C. M., (73) 722
Cooper, J. M., (72) 970
Copeland, B. G., (126) 898, (51) 966
Copeland, E. R., (79) 970, (28) 2176
Copeman, S. M., (23) 1060
Copetti, G., (65) 844
Coplin, W. M. L., (30) 480, (40) 2120
Corbett, J. F., (133) 898
Cordier, A. H., *906
Corlett, W. T., (9) 1514, (40) 1767
Corlett, W. T., (9) 1594, (16) 1853
Corner, E. M., (21) 1231, (13) 1231, (19) 1332
Cornick, B., (55) 968, (86) 1769
Corning, J. L., (6) 387
Corwin, F. W., (48) 2039
Corwin, T. W., (48) 389
Coston, H. R., (133) 74
Cott, G. F., (89) 1685
Cottingham, C. C., (95) 806
Cotton, A. C., *1060
Cotton, F. J., (10) 895, (16) 1228, (31, 85) 2039
Couch, L. B., (3) 204
Coues, W. P., (18) 71
Coughlin, R. E., 1213
Coulter, F. E., (43) 720
Coutesud, (30) 812, (42) 900
Cowan, J. M., 813
Coward, F. A., (130) 898
Cowgill, W. M., (44) 720
Cowie, D. M., (78) 722, (108) 898
Cox, A. J., (25) 2176
Cox, W. H., (114) 722
Crafts, L. M., (88) 1769
Craig, C. F., (45) 462, (58) 807
Craig, C. G., *1484
Craig, J. D., (40) 963
Craig, R. H., (41) 806
Craigh, H. A., (29) 640
Cramer, H., (88) 845, (74) 1963
Cramp, A. J., (103) 250
Crandall, F. M., (9) 2055
Crandon, L. R. G., (20) 1633
Crane, W. W., (19) 305
Crawford, D. D., (31) 971
Crawford, J. P., (134) 541
Crawford, W., (94) 237
Credé, (78) 1063
Credé, B., (84) 2142
Cress, R., (69) 970
Cremer, M., (90) 396
Cresswell, A., (29) 960
Cresswell, G., (29) 900
Crews, G. B., (53) 1513
Crichton-Browne, J., (2) 1866
Crile, G. W., *139, (26, 31) 558, (32) 1126, (94) 1126, *1402, (71) 1897, *1780
Crimmond, J. W., (75) 2039
Crisp, J. D., (90) 810
Crittenden, M., (109) 1126
Crockett, E. A., *1293
Croft, B. F., (8) 1135
Crofton, A. C., (89) 841, *890, (12) 1300, (69) 1229
Cronin, J. J., (45) 1767
Crook, J. L., (97) 1507
Croakey, J. W., 907
Crossen, H. S., (32) 1127
Crosthwait, W. L., (100) 1418
Crothers, T. D., (46) 73, (68, 72) 309, (133) 722, (4) 1419
Crouse, H., (12) 1135
Crowder, T. W., (28) 1594
Crum, F. S., (3) 630
Crummer, L., (117) 238
Cubbins, W. R., (22) 151
Cuff, A., (6) 541
Culbertson, J. B., (71) 1665
Cullen, E. E., (118) 810
Cullen, G., (99) 154, (128) 841, (7 810
Cullen, T. S., (88) 1057
Cummings, S., (14) 1668
Cummins, W. T., (44) 640
Cumston, C. G., (13) 151, (16) 224, (27) 308, (47) 308, (22) 311, (10) 450, (37) 460, (50) 721, (109) 722, (39, 40) 1228, (23) 1322, *1372.
Cunningham, J. H., Jr., (25) 1683.
Curlo, G., (65) 159, (57) 644
Currier, A. F., (11) 459
Curschmann, H., (51) 1421, (81) 1602
Curti, O., (63) 159
Curtis, H. H., (81) 540
Curtis, W. H., (61) 1665
Cuscaden, G., (30) 1516
Cushing, H., *178, (34) 1415, (36) 1769
Cushing, H. E., *1191
Cushing, H. W., (55) 809
Cushny, A. R., (13) 2194
Cutler, E. G., (7) 1225
Cumberhatch, A. E., (43) 2041
Cutter, J. B., *435, (116) 1220
Czyzewicz, A., (82) 2128

D

Dabney, T. S., (99) 1857
Dabney, W. R., (28) 72, (68) 540
Da Costa, J. C., (38) 389, (6) 627, (58) 640, (37) 1229, (34) 2120
Daggett, W. *1191
Daireaux, P., (33) 900
Dalgetty, A. B., (17) 76
d'Amato, L., (98) 244, (54) 1517
Dame, F. W., *1
Dammermann, (59) 394
Dana, C. L., (68) 1137, (6) 1227
Danforth, I. N., (37) 1767
D'Anfreville, (29) 230
Daniel, F. E., (123) 809
Daniel, W. B. (155) 74
Daniell, G. W. B., (2) 1959
Daniella, R. P., (77) 1138
Danna, A., (27) 1419
Danziger, F., (49) 1861
Daremberg, G., (25) 311, (42) 812
Darling, S. T., *1581
Darnall, W., *1810
Davenport, A. B., (26) 640
Davenport, F. H. *1525
Davidsohn, E., (68) 1517
Davidson, C., (85) 1899
Davidson, F. F., (44) 1229
Davis, G. H. G., (7) 810
Davies, A. M., (18) 809, (35, 38) 1899
Davies, D. S., (45) 1668
Davis, A. R., (60) 640, (24, 26) 2176
Davis, A. W., (3) 130
Davis, D. J., *97
Davis, E., (97) 2039
Davis, E. P., (51) 1228, (25) 2120, (44) 2121
Davis, G. G., (47) 809, (37) 898
Davis, L., (51) 2121
Davis, N. S., *1439, (56) 1685
Davis, R. H., (89) 898
Davis, T. G., (9) 630, (57) 2039
Davis, T. G., (87) 1958
Dawson, A. W., (30) 1139
Dawson, J. A., (48) 461
Dawson, P. M., (9) 1233
Day, R., (47) 1393
Day, H. B., (30) 1899
Day, J. A., (123) 898
Deaderick, W. H., *2167
Dean, J. McR. (101), 1397
Dean, J. S., (92) 309
Deaver, J. B., (97) 960, *402, (15) 1418, (5) 2174
De Beck, D., (77) 1685
DeBey, H. B., (40) 72
De Blasi, A., (60) 644
Debove, (39) 2125
De Bovis, R., (47) 1516
de Brun, H., (68) 548
de Cigna, V., (92) 902
Decker, C. J., (50) 1513
Deetjen, H., (107) 1519
Deetz, E., (95) 1235
de Gaulejac, R., (45) 1543
DeJarnette, J. S., (109) 1597
Dejerine, J., (23) 642, (44) 812
de Korte, W. E., (19) 230
de LaCarriere, G. C., (74) 1418
de Laperouse, F., (45) 812
Delaunay, H., (50) 1668
Delaup, S. P., (37) 719
Delavan, D. B., (5) 1511
Delearde, A., (112) 1351
DeLee, J. B., (120) 970, (60) 1229
de Léon, M., (28) 1059
Delfino, E., (70) 902, (47) 2178
Delore, X., (29) 1059
Delsaux, V., (19) 2124
Deming, M. F., (9) 537
Da Nateredo, G. B. G., (36) 967
Denck, E. B., (125, 85, 87) 1685
Denckhoff, L. J., (85) 1058
Denenholz, A., (15) 2038
Denier, (58) 971
Denison, C., (25) 460
de Nittis, J., (47) 1139
Denker, A., (90) 545
Denning, A. D. P., (20) 463
Dennis, W. A., (66) 1330
Denny, F. W., *1581
v. den Velden, R., (23) 2171
De Pollni, G., (168) 815
Derby, G. S., (8) 1225
Derecky, C. J., (3) 1419
de Renzi, E., (69) 543, (114) 547, (62) 644, (72) 902, (116) 1965, (40) 2178
Dernini, G., (115) 2046
de Rossi, G., (82) 902
de Rothschild, H., (42) 1139, *2(2
Desai, V. G., (22) 543
de Schweinitz, G. E. (95) 970
Desjardins, P., (34) 152, (47) 1869
Despres, A., (37) 76
De Singler, J. V., (41) 1228
d'Este, S., (117) 1519
de Tarnowsky, G., (40) 461
Determann, (53) 543, (95) 1218
Deutschlander, C., (46) 724
Deutschmann, E., (82) 396
de Vecchi, B., (31) 902
Devic, (40) 2120
Devic, E., (44) 76, (42) 1771
Devine, W. H., (129) 238
Dewar, J. H., (118) 970
De Vris, J. C., (122) 238
Dewarker, E. V. (29) 1055
Dewey, E. L., *343, *1301
Dewing, O. M., (80) 640
Dewis, J. W., (10) 1512
DeWitt, J. P., (148) 74
De Ybarra, A. M. F., *1013
Dickerson, L. D., (104) 1058
Dickinson, G. K., (25) 2026
Dickinson, R. L., (30) 74
Dickson, F. L., 1139
Dickson, W. E. C., (14) 641
Dide, M., (28) 152
Diefenbach, R. L., (2) 1419
Dieffenbach, W. H., (3) 2119
Diehl, C. L., *1258
Diehl, W. S., (37) 809
Dieggen, P., (38) 1518
Diesing, (58) 394
Dieterle, T., (78) 2128
Dietlen, H., (58, 62) 2126
Dieudonné, (42) 543
Dieulafoy, L., (74) 890, (59) 1685
Dieulafoy, (38) 76
Diez, S., (81) 814, (59) 902, (37) 2178
Diller, T., *112
Dillingham, F. H., (11) 1228
Dillon, J., (80) 897
Dinger, A. N., (79) 1689
Dinkelspiel, M. R., (10) 1233
Dirk, A., (102) 1597
Dixon, C. F., (23) 1236
Ditman, E. L., (23) 807
Ditman, N. E., *1722, *1793
Dittrick, H., (29) 888
Divine, T., (10) 543
Dixon, A., (52) 1228
Dixon, F. L., (58) 1513
Dixon, S. G., (1) 1230, (41) 1685
Dixon, W. E., (15) 2124
Djewitsky, W. S., (101) 1964
Djurberg, V., (98) 903
Dmitrenko, 1938
Dobersen, (74) 2043
Dock, V., (78) 1336
Dock, G., *978, (12) 1685
Dodd, H. W., (12) 238
Dodd, J. E., (67) 1788
Dodds, W. T. S., (109) 154
Döderlein, (62) 1962
Dodge, W. T., (118) 1128, (37) 2038
Doerfler, H., (66) 2128
Doerling, H., (45) 725
Doherty, C. E., (38) 1126
Dohrn, R., (37) 1223
Dolcetti, (74) 79

Dolley, D. H., *189
Dominici, H., (31) 800
Donald, A., (39) 1699
Donaldson, R., (19) 1419
Donath, J., (102) 467
Donati, A., (109, 122) 2130
Donati, M., (73) 2045, (47) 2178
Dönitz, A., (94) 1235
Donoghue, F. D., *2079
Doolittle, H. M., (38) 1417
Dopter, C., (49) 971
Doran, A. I., 2124
Dorland, W. A. N., (92) 1418
D'Ormea, A., (76) 814
Dorrance, G. M., *854, (39) 1329, *2050
Dorsett, H. E., (26) 1068
Dougherty, D. S., (83) 1058
Douglas, C. C., (15) 462
Douglas, C. J., (6) 1134
Douglas, J., (111) 541
Douglas, R., (39) 1695
Doutrelepont, (54) 204
Downey, J. H., *381, *2180
Downie, W., (22) 811
Doxiadis, (110) 1984
Draper, A. S., 1139
Draudt, M., (48) 545
Drayer, L. P., (164) 970, (69) 1708
Dreeman, J. C., (14) 1314
Drew, D., 293
Dreyer, G., (79) 727
Dreyfus, G., (81) 242, (99) 1235
Driver, W. E., (15) 1512
Drueck, C. J., (36) 726, (41) 1818
Drummond, D., (3) 200
Duane, A., (51, 64) 1927
Dubois, P., (9) 1419
Dubreuilh, W., (35, 39, 45) 76, (40) 1771
Duckworth, D., (2) 288
Dudgeon, G. C., (21) 1961
Dudgeon, L. S., (25) 506, (35) 1132
Dudley, E. C., (32) 151, *1805
Duff, D., (18) 1419
Duffield, W. L., (37) 78
Dührssen, A., (33) 528, (44) 1228, (68) 1881, *1891
Dujardin-Beaumetz, E., (51) 971
Dumavant, H. C., (65) 1908
Dunbar, W. P., (85) 209
Duncan, (39) 1770
Dunger, R., (71) 313, (92) 1691
Dunham, H. B., (18) 202
Dunham, J. D., (8) 337, (72) 1058
Dunham, K., (22) 895
Dunin, T., (78) 1601
Dunin-Karwicka, M., (92) 1774
Dunlop, J., (15) 2120
Dunn, C. H., *25
Dunn, J., (42) 1229
Dunn, J. S., (25) 1450
Dunn, T. F. J., (13) 2035
Du Pan, M., (44) 906, (51) 2136
Dupuy, H., (54) 229
Dürck, H., (91) 1424
Duret, (40) 464
Duncian, L., (31) 220
Dwright, H., *1295, (3) 1225
Dyer, I., (162) 509

E

Eaner, B. F., 1407
Eagleton, W. P., (71) 74
Earp, S. E., *1484, (74) 2039
Eastman, B. D., (64) 1330
Eastman, E. R., (118) 1907
Eastman, J. R., (53) 1228
Eastmond, C., (14) 988, (55) 1858
Eaton, F. R., (35) 2039
Eberhart, M., (111) 74, (78) 200, (108, 109) 1058, (107) 1419, (111) 1959
Ebermayer, (79) 243
Ebert, F., (69) 460
Ebstein, W., (64) 394, (81) 545, (94) 1062, (80) 1422
Eccles, R. G., (91) 541, (1) 639
Echstein, R., (70) 1421
Edebohls, G. M., (85) 1234
Edel, M., (73) 342
Edenhuizen, H., (78) 2044
Eder, M. D., (20) 543
Edgar, J., (2) 1134
Edgeworth, F. H., (31) 2041
Edinger, A., (26) 1518
Edlefsen, G., (61) 1422
Edmeston, M., (90) 200
Edmunds, A., (18) 811
Edsall, D. L., (82) 74, (31) 1136, *1495, (22) 1854
Edwards, E. G., *2027
Edwards, F., (108) 1331
Egdahl, E., *1149
Ehrendörfer, (58) 2043
Ehrhardt, O., (80) 1141
Ehrlich, F., (70) 1962
Ehrlich, P., (29) 642
Ehrmann, S., (54) 813
Eichberg, J., (84) 237
Eichel, T., (95) 1691
Einhorn, M., (62) 242, (53) 390, (2) 804, (5) 1414, (52) 1517, *2143
v. Eiselsberg, (32) 1228
Eisenberg, P. Y., (73) 154
Eisenrath, D. D., *200
Eising, E. H., (7) 1706
Ekehorn, G., (66) 813, (96) 902, (30) 1225, (114) 1954
Elam, W. T., (102) 200, (58) 1127
Elder, J. W., (117) 1220
Eliot, 381
Eliot, C. W., (5) 1225, (13) 1228, (87) 1597, (118) 2124
Eliot, E., Jr., (8) 71, (9) 151, (27) 267, (29) 1573, (71) 1857
Eliot, J., (80) 1138
Eliot, L., (92) 732
v. Eilscher, Ju. (99) 1691
Ellelsen, C. J., (138) 1966
Ellett, G. G., (3) 541
Elliot, A. M., (25) 1139
Elliot, G. B. McD., (21) 76
Elliot, R. H., (31) 1139, (37) 2135
Elliott, C. A., (39) 72, (19) 151, (54) 1055
Elliott, R. E., (3) 1838
Elliott, J. H., (7) 1321
Elliott, R. H., (18) 723
Ellis, A. G., (84) 74, (39) 2120
Ellis, A. N., (21) 205, (24) 1055
Ellis, H., (125) 722, (112) 2124
Ellis, H. B., (22) 1228, (91) 1695
Ellison, F. O'B. (33) 2125
Elsberg, C. A., (51) 809
Elsner, H., (40) 1294
Elsner, H. L., (37) 153
Elsworth, E. C., (17) 220
Elwood, C. R., (98) 809
Ely, G. W., (7) 1512
Ely, L. W., (60) 809
Ely, T. C., *1816
Embden, G., (104) 215
Emerson, L., (35) 72, (85) 841, (66) 907, (98) 1330
Emery, W. D., (28) 1859
Enderlen, (68) 1902
Engel, (77) 1062
Engel, A., (55) 901, (50) 1961
Engel, K., (59) 1691, (50) 1962
Engel, St., (51) 725
Engelbach, W., *1395
Engelmann, H., (6) 1134
Engels, W., (84) 1518
England, F. R., (117) 1959
England, J. W., *1241
English, T., (107) 74
Engman, M. F., (42) 1059
Entrican, J., (19) 752
Eppenstein, (74) 1062
Epstein, A. A., (31, 32) 1708
Epstein, E., (68) 308
Erb, Jr., W., (54) 2126
Erdheim, J., (111) 466
Erdmann, J. F., (1) 1134, (47) 2121
Ericson, E., (123) 1138
Erlanger, J., *1342, (9) 1789
Ernst, E., (48) 813
Esch, (61) 313, (79) 1326
Esmo-Müller, (92) 813
Esser, (114) 1960
Essig, R. F., (89) 540
Estes, F. E., (74) 1908
Estes, W. L., (97) 732, (54) 809
Etheridge, M. D., (101) 1058
Evans, D. J., (10) 1857
Evans, J. S., (47) 1957
Evans, T. H., (71) 809, (21) 1065
Evans, W. A., (60) 1065
Eve, F. F., (127) 74
Evelt, W., (73) 1773
Everhard, R., *205
Ewald, C. A., (47) 1060, (58) 1140
Ewart, W., (5) 1908
Ewing, F. C., (55) 1137
Ewing, J., (7) 2035, (9) 2120
Eyster, J. A. E., (45) 1057, (32) 1858
v. Eiedorf, R. H., *11

F

Faber, K., (45) 152, (88) 903
Faber, P., (20) 220
Fabris, P., (101) 1863
Faget, C., (53) 1507
Fahr, (101) 906, (85) 1774, (95) 1964
Fairchild, D. S., (27) 389
Faison, J. A., (95) 541
Faith, T., (28) 1594
Falconer, J. L., (20) 1139, (22) 2040
Falconer, R. C., (121) 1331
Falkner, A., (90) 314
Falloise, A., (33) 239
Fanta, T. S., (100) 541
Farr, C. B., (36) 1694
Farrar, C. B., (9) 1419
Fasano, M., (58) 150
Faught, F. A., (18) 1765
Faure, J. L., (22) 1050, (40) 1139, (40) 2125
Faure, M., (37) 205, (46) 1688
Faust, J., (85) 1142
Favre, M., (38, 41) 1771
Fawcett, E., (51) 1688
Fear, E., (53) 1900
Fehling, H., (12) 2177
Feiss, H. O., (23) 803, (115) 1419
Felch, B. F., (104) 1220
Fellner, A., (90) 1694
Fellner, Jr., R., (53) 2126
Fellner, L., (54) 78, (56) 1224
Fellner, O. O., (67) 1142
Fennel, J. L., (79) 1708
Fenner, E. D., (31) 896
Fenwick, E. H., *1151
Ferari, M., (120) 1965
Fere, C., (28, 42) 205, (41) 543, (37) 900, (74, 79) 972
Ferguson, A. D., (108) 1959
Ferguson, A. H., *1152
Ferguson, J., (30) 719
Ferguson, R. W., (39) 734
Fernet, C., (27) 1232
Ferral, C., (39) 150
Ferreira, J., (39) 1420
Ferron, M., (40) 209
Fessler, J., (70) 545
Fest, F. T. B., (120) 1220
Fiebig, (37) 1232
Field, D. L., (43) 2121
Findlay, J. W., (90) 2039
Findlay, L., (35) 1867
Findley, P., (92) 1229, (44) 1955, (67) 1959
Fink, P., (31) 214, (47) 648
Fink, G. H., (21) 1770
Fink, L. G., (35) 2125
Finley, F. G., (37) 808
Finley, G. W., (110) 1959
Finley, H. L., (62) 154
Finney, J. M., (17) 311, (36) 2041
Finney, J. M. T., (14) 536
Finsterer, H., (9) 205
Fiorvanti, L., (40) 2178
Fiori, P., (111) 2046
Firth, R. H., (29) 1509
Fischel, L., (28) 1772
Fischel, W., (94) 1742
Fischer, A., (37) 156
Fischer, B., (55) 241, (87) 2128
Fischer, L., (84) 1418, (75) 1825
Fischer, M., (107) 1418
Fischer, T., (61) 813
Fischer, W., (45) 240
Fischer-Defoy, W., (55) 241, (94) 315
Fishl, R., (23) 642
Fish, E. F., (92) 1058
Fish, H. M., (52) 1057, (4) 1682
Fisher, E. E., (80) 1397
Fisher, I., (37) 1955
Fisher, J. D., (28) 1329, (35) 2120
Fisher, J. T., *1825
Fisher, T., (27) 1839
Fisk, A. L., (31) 460
Fittipaldi, E. U., (108) 1319
Fitzgerald, F. J. C., (107) 1897
Fitzgerald, J. G. (103) 1597
Fitzpatrick, E. H., (62) 227
Fleiner, W., (79) 1962
Fleischmann, P., (108) 1775
Fleischner, E. C., (46) 1767
Fleming, E. W., (79) 74
Flesch, H., (34) 1394
Fletcher, A., (70) 1137
Fletcher, J. W. (89) 721
Fletcher, M. H., *191
Flexner, J. A., (108) 257
Flexner, S., *820, (85, 89) 949, (12) 1695
Flick, L. F., (38) 1595
Flint, W. H., (88) 970
Fox, F., (117) 2130
Fock, (39) 2177
Focke, (26) 642
Foltz, J. E., (79) 897
Foote, C. C., (105) 810
Foote, F. C. 125
Foote, S. A., (82) 209
Ford, C. R., (57) 880
Ford, J. H., (116) 1959
Ford, W. E., (40) 638
Ford, W. M., (29) 234
Fordyce, J. A., (98) 810, (5) 1514
Forgue, E., (30) 1059, (43) 2125
Forlanini, C., (75) 1234
Forman, R. H., (35) 1509
Fornaca, L., (70) 644
Fornari, L., (36) 2178
Fornet, (44) 645
Fornet, W., (65) 544, (71) 1861
Forsmer, H., (115) 1864
Forster, W. H. C., (11) 291
Förstering, K., (72) 78
Foscue, G. B., 209
Foster, B., (93) 1330
Foster, C. L., *985
Foster, J. M., (105) 237
Foster, S. B., (73) 1597
Fotheringill, W. S., (5) 1058
Fotheringham, J. T., (6) 1769
Fournier, A., (58) 1600, (53) 1688
Foulkrod, C., (43) 808, (303) 2120
Fowler, E. P., (81) 1058
Fowler, R. S., (22) 388, (102) 810
Fox, C. P., (113) 808
Fox, G. H., (122) 810
Fox, H. (44) 72
Fox, R. H., (6) 970
Fraenkel, A., (83) 467
Franchere, F. E., (57) 74
Francis, L. M., (39) 1907
Frangenheim, P., (96) 394, (31) 1774
Frank, F., (57) 1232
Frank, L., (115) 154, (94) 1418
Franke, F., (61) 1772
Frankel, J., (18) 2177
Frankenstein, K., (70) 77
Franklin, A. L., (34) 1513
Franklin, C. A., (5) 887
Franklin, G. C., (35) 1959
Franklin, G. D., (23) 1515
v. Franqué, O., (64) 77
Franz, K., (94) 1902
Franz, R. I., *1484
Fraser, C. F., (16) 541
Fratini, G., (39) 2178
Fratti, G., (69) 902
Frazier, C. H., *670, *744, *940, *988, (111) 970
Frazier, J. M., (101) 722, (114) 1507
Frederick, E. V., (95) 227
Frederick, J. W., (120) 1207
Freeman, J. A., (121) 209
Freeman, L., *2047
Freeman, R. G., (2) 458
Freer, C. O., *161, (7) 2029, (76) *2128
Freidrichs, A. G., (52) 226
Freigerb, A. H., (71) 2122
Fremont-Smith, F., (14) 2129
French, H., (19) 811
French, J. M., (119) 808, (73) 1418
French, R. E. (32) 463
French, T. R., (8) 1955
Freund, H. A., (38) 1512
Freund, L., (81) 541, (84) 72
Freund, R., (51) 813, (88) 972
Freudenberg, A. V., (61) 972
Freudenthal, W., (68, 97) 1695
Frey, 1938
Frey, E. (107) 975
Frey, F. M., (34) 2037
v. Frey, M., *845
Fridenberg, P., (98) 1695
Friedenberg, E., (93) 1421
Friedenthal, H., (67) 1601
Friedenwald, J., (18) 639, (42) 895
Friedlander, A., (24) 895
Friedmann, C., (50) 1137
Friedman, E., (72) 1956
Friedemann, G., (62) 1861
Friedrich, P. L., (125) 975
Froin, (4) 205
Frolich, T. (140) 1908
Froment, J., (44) 76
Fromme, F., (85, 97) 972
Fry, E. P. (79) 1222
Fryer, J. F., (106) 309
Fuchs, 1938
Fuchs, H., (85) 2128
Fullar, E., (122) 74, (96) 1682
Fuller, R. W., (89) 257
Fullerton, A., (4) 154
Fullerton, E. R., *1960
Fullerton, H., (23) 220
Fullerton, W. H., (98) 1514
Fulton, D. C., (70) 1708
Funsiolf, G., (38) 2178
Funck, C., (78) 1695
Funke, J., *402, *550, (10) 2035
Furman, D., (109) 74
Fürstratt, K. (102) 546
Furrer, A. F., (97) 1138
Furstenau, R., (54) 1334
Fum, S., (94) 1964
Fussell, M. H., *1293, *1780
Futh, H., (85) 78, (39) 1322, (79) 1817

G

Gabbl, U., (112) 315.
Gadd, H. W., (30) 2041
Gaehtgens, W., (96) 1235.
Gage, G. E., *1867.
Gage, H., (130) 300.
Galbo, C., (118) 2046
Galewsky, (101) 1.
Gallant, J. A., (8) 630, (89) 725, *1357, *1418.
Galle, O., (61) 894.
Galli, G., (84) 1963
Galliuzzi, A., (35) 915.
Galvin, F. O., (126) 1907
Gamber, W. P., (96) 309.
Gamble, R. A., (43) 1329.
Gamble, W. E., (71) 640.
Gangbofner, F., (95) 79.
Gans, E., (95) 467.
Gant, S. G., (9) 387, (7) 718, (18) 987, (10) 1418, (58) 1768
Garcia, A., (66) 75, (45) 897.
Garceau, E., (99) 1058, *1440, (84) 2039
Gardenghi, 708.
Gardner, A. E., (113) 1128.
Gardner, W., (5) 1857
Garner, T. J., (78) 810.
Garrett, R. W., (110) 1857
Garrod, A., (37) 1515.
Gasparani, A., (115) 1965
Gastpar, (110) 465.
Gates, N. A., (59) 482.
Gaugele, K., (78) 1141.

Gaupp, R., (110) 1143.
Gaus, C. J., (60) 77, (105) 1143, (60) 1294.
Gay, F. P., (52) 971.
Gay, F. W., (12) 234.
Gaylord, H. R., (24) 151.
Gebele, (79) 243.
Gegenbach, F. P., (124) 541.
Gehrmann, A., (31) 720, (121) 970.
Geigel, R., (92) 296.
Geigerstam, E., sr. (100) 903.
Geissler, (70) 2127
Geissler, O., (78) 1773
Gelinero, G., (134) 74.
Gelpke, L., (75) 306, (84) 2128
Gengenbach, F. P., (25) 74.
Gengon, O., (34) 1566.
Gennari, C., (114) 2130
George, S., *103.
Georgi, (62) 313.
Geraudel, Ex., (32) 311.
Gerhard, S. P., (14) 630.
Gerhardt, C., (104) 846.
Gerhardt, D., (103) 1143.
Gerhartz, H. H., *1703.
German, H., (76) 1962
Germann, M. K., *1206.
Géronne, (58) 1517.
Gessner, W., (63) 1294, (10) 2176
Ghedini, G., (57, 64) 902, (114) 1965, (41) 2178
Gheiß, A., (129) 547.
Ghent, M. N., (20) 2176
Ghrist, J., (91) 970.
Gianasso, A. B., (110) 315, (116) 547
Giani, R., (118) 2130
Gibb, J. G., (15) 310.
Gibbon, J. H., (27) 2120
Gibbons, H. W., (24) 1854
Gibbs, M. D., (60) 1418.
Gibney, V. P., (72) 1857
Gibson, A. G., (19) 1686.
Gibson, A., (7) 390, (12) 463, (1) 641, (3) 1058, (6) 1685, (9) 1769
Gibson, R. D., (32) 1137.
Gidney, H., (34) 1130, (25) 1515.
Gies, W., *509.
Giese, (105) 2044
Gifford, H., (41, 47) 236, (68) 1958
Gilbert, A., (46) 2125
Gilbert, J. A., (2) 1503.
Gilbert, R. B., (60) 721, (61) 1330.
Gilbride, J. J., (16) 695.
Gilchrist, A. W., (3) 1230.
Gilchrist, T. C., (8) 1514.
Gilday, L. L., (11) 1598.
Giles, A. E., (6) 1857
Giles, B. F., (26) 2040
Giles, G. M., (18) 78, (15) 220, (21) 302, (23) 543, (24) 612.
Gilfillan, J. S., (94) 1958
Gill, C. A., (27) 1139.
Gill, J. M., (18) 1059.
Gillan, J., (17) 1770
Gillespie, W., (30) 305, (21) 1512.
Gillies, S., (31) 724.
Gillmore, R., (34) 151, (31) 2120
Gilpin, J. H., (58) 462.
Gimlette, J. D., (38) 1139.
Gimlette, T. D. (19) 74, (16) 239.
Gindes, E. J., (72) 1063
Gioielli, F., (67) 159.
Giordano, E., (66) 644.
Girard-Mangin, (42) 2125
Girault, (43) 464.
Girault, A. A., *85.
Girvin, J. W., (84) 1769
Gittings, J. C., (7) 1927.
Glahn, J. (36) 1330.
Glaister, J., (2) 1331.
Glascock, A., (17) 805.
Gleason, J. F., (119) 1138.
Gleitsmann, J. W. (4) 304.
Glendon, W. P. (58) 308.
Glenn, W. F., *1288
Glockner, A., (57) 2043
Glynn, E., (21) 971.
Goadby, K. W., (57) 1060
Göbell, R., (72) 2043
Goddard, C. C., (68) 1330.
Goebel, (7) 2176
Goebel, C., (50) 315, (74) 305.
Goelet, A. H., (83) 2039
Goenner, A., (81) 2128
Goepp, R. M., *350.
Goffe, J. R., (25) 1512.
Goggia, (65) 1330.
Goggia, C. P., (112) 548.
Goldbaum, M., (48) 465.
Goldberg, B., (58) 1062, (62) 1681
Golden, W. W., (27) 2056
Goldmann, E., (77) 1141.
Goldmann, E. E., (72) 1141.
Goldscheider, (47) 393, (59) 1772, (110, 112) 1775
Goldsmith, A. A., (51) 1685.
Goldsmith, P. G., (10) 2039
Goldspohn, A., (32) 720, (122) 970, (30) 1220.
Goldstein, M. A., (57) 1137, (122) 1220.
Goldstucker, S., (58) 241.
Goldthwait, J. E., (19) 459.
Goler, G. W., (102) 898, (82) 1138.
Goodale, J. L., (3) 1054, (17) 2026
Goodall, E. J. (2) 1702
Goodall, J. R., (5) 1457
Goodbue, E. S., (64) 810.
Gooding, J. J., *2150
Goodloe, H., (81) 1418.
Goodman, A. L., (5) 2035
Goodrich, C. H., (80) 1768, (58) 1856
Goodrich, J., (84) 897.
Gorlin, H. M., 1407.
Gordinier, H. C., (47) 73.
Gordon, A., (54) 75, (8) 387, (12) 1315, (43) 1685.
Gordon, A. H., (38) 806.
Gordon, E. R., (102) 1058.
Gordon, H. S., (48) 1768
Gordon, S. C., (41) 538.
Gordon, W., (1) 1857
Gore, D. C., (20) 840.
Gore, W. R., *1213.
Gosnige, J., (13) 1770
Gosset, A., (44) 1139.
Goth, L., (102) 80, (83) 1142, (80) 2128
Gotthelf, W. S., (22) 72, (128) 74, (40) 121, (67) 540.
Gottschalk, S., (102) 1774
Gouget, A., (48) 1139.
Gould, G. M., *734, (1) 908, (118) 1419, *1521, (47) 1508, (78, 80, 83) 1685, (39) 1720.
Gowers, W. R., (2) 300, (11) 463, (2) 541.
Goyanes, J. A., 1121.
Graber, S. S., (118) 1857
Grace-Calvert, G. A., (6) 390, (22) 971.
Grad, H., (30) 1055.
Gradle, H., (59) 1957, *1733
Graef, C., (13) 1955
Graham, C., (20) 73, (16) 807.
Graham, E. A., (35) 1227.
Graham, E. E., (61) 840, *1555, *1886.
Graham, H. G., (21) 459.
Granchor, (26) 2041
Granger, C. T., (50) 236.
Grant, G. H., (1) 718.
Grant, H. H., (75) 1514.
Grant, J. D., (3) 1139.
Graser, E., (53) 1234.
Grashey, R., (53) 1143.
Gräupner, (62) 544.
Graves, W. P., (19) 459.
Graves, W. W., (19) 1226.
Grawitz, P., (112, 115, 116) 975.
Gray, A. A., 1402.
Gray, A. L., (44) 1417, (33) 1513.
Gray, C. C., (60) 998.
Gray, F. D., (3) 458.
Graziani, A., (91) 1983
Greedy, F. A., (52) 1513.
Greef, (56) 1234.
Green, D. (70) 1137.
Green, J., Jr., (46) 236, (58) 1137.
Greene, H. M., (60) 73.
Greene, W. H. C., (25) 1859
Greene-Wilson, D., (96) 1958
Greenwood, A., (43) 236.
Gregory, W. H., (13) 809.
Grehant, N., (52) 76.
Greifenhagen, W., (72) 78.
Greig, E. D. W., (29) 543.
Griffin, O. A., *84) 1957
Griffith, A. H., (63) 73.
Griffith, D. H., (18) 1226.
Griffith, J. P., (22) 540.
Griffith, P. G., (30) 1509.
Griffith, T. W., (17) 1508.
Griffith, W. S. A., (3) 970.
Griffiths, G. W., (112) 809.
Grifon, W. A., (15) 234.
Grimani, E., (109) 2130
Grimes, E., (108) 1220.
Grimm, (48) 794.
Grimm, A. A. (68) 1418.
Grimsdale, T. B., (32) 971.
Grinker, J., (71) 237, (54) 462, (62) 1057, (26) 1954
Grisson, (22) 2177
Grober, A., (102) 1403.
Groedel, F., (70) 1234.
Groedel, F. M., (94) 306.
Groedel, T., (70) 1234.
Gross, E., (122) 1603.
Gross, H., (65) 2043
Gross, W., 527.
Grossmann, 1844
Grosvenor, J. W., (69) 309.
Grossmann, M. P., (63) 1597.
Grozmann, W. H., (79) 250.
Grouven, (54) 304.
Grouzdow, W., (87) 972.
Grube, K., (68) 1825.
Grulee, C. G., (29) 151.
Grunbaum, A. S., (14) 722.
Grünbaum, D., (63) 2043
Grund, G., (60) 1861, (83) 2044
Grünwald, H. F., (57) 2126
Grünwald, L., (100) 1235, (70) 1517.
Gualdi, C., (122) 547.
Gualdrini, G., (88) 814.
Guérin, C., (47) 971, (112) 1881, (49) 1509.
Guerison, (31) 812.
Guerry, Le G., (123) 898.
Guhr, M., (53) 393.
Guilé, M. (42) 1125
Guillain, G., (32) 220.
Guimbellot, M., (48) 2126
Guisez, (41) 812.
Guiteras, R., (62) 390, (11) 1135.
Gulick, L. H., (1) 458.
Gullan, A. G., (2) 898, (19) 971.
Gundobin, N., (76) 2127
Gunn, K. E., (12) 75.
Gunn, R. M., (5) 1139.
Gushee, E. S., (25) 2176
Gustine, S. D., (56) 1597.
Guszmann, J., (46) 1772.
Guthrie, C. C., (58) 1415, *1648.
Guthrie, J. B., (49) 236.
Guthrie, T., (20) 220.
Gutzmann, H., (81) 1902
Guyot, G., (101) 815.
Gwathmey, T. *1261.
Gwathmey, L., (108) 1857
Gwyn, N. B., (46) 72.

H

Haab, 1844
Haaland, M., (51) 1517.
Haas, H., (40) 240.
v. Haberer, H., (75) 1423.
Haberman, J. V. (19) 391.
Hackel, E., (29) 2176
Hackler, G. M., (96) 1959
Haecker, R., (127) 975.
Haegel, M., (82) 2044
Hagen, W., (60) 545.
Hager, (68) 313.
Haggard, W. D., *338.
Haggart, A., (33) 1956
Haggerty, F. R., (87) 722, (3) 1414, (22) 1959
Hahn, B., (26) 306.
Hahn, J., (84) 243.
Hahn, M., (60) 720.
Haim, E., (60) 1417.
Haines, H. A., (29) 78.
Haines, W. D., (19) 719.
Hake, H. W., (23) 1960
Halberstadter, L., (96) 1235.
Hald, P. T. (104) 2129
Hale, A. R., (26) 1227.
Hall, B., (3) 2039
Hall, C. L., (95) 1769
Hall, E. A., (9) 237, (39) 1138.
Hall, E. N. (107) 1138.
Hall, F. B., (8½) 459.
Hall, G. S., (65) 1597.
Hall, H. J., *1016
Hall, J. N., (4) 806, (49) 1685.
Hall, R. R., (19) 234.
Halle, A., (100) 1903.
Halle, M., (53) 1961
Hallenberger, O., (78) 2044
Halliburton, W. D., (6) 1139.
Hallion, L., (19) 642, (63) 1688, (43) 1859.
Halsey, J. T., (16) 2124
Halsey, L. W., (144) 74.
Halsey, R. H., (46) 1514.
Halsted, T. H., (23) 1338, (39) 2176
Halsted, W. S., *2147
Halter, J., (73) 2045.
Hamburger, F., (101) 467.
Hamilton, A., (84) 237.
Hamilton, E. A., (72) 1769
Hamilton, H., (105) 1138.
Hamilton, L. H., (124) 810.
Hamilton, R. J. (40) 971.
Hamilton, T. K., (38) 1857.
Hamilton-Kenny, F., (39) 1516.
Hammerschlag, R., (91) 2043
Hammerschlag, V., (49) 1137.
Hammond, F. C., (11) 718.
Hammond, P., *1228, *1645.
Hammond, S. W., (100) 970.
Hance, I. H., (133) 810, (128) 1139.
Hancock, D. O., (68) 721.
Hancock, T. H., (30) 460.
Handford, H., (29) 1960
Handley, W. S., (3) 309.
Handly, J. W., (98) 1597.
Haney, J. P., (60½) 738.
Hankin, E. H., (5) 1956
Hannes, W. (114, (91) 1142.
Hans, H., (67) 1517.
Hansel, C. F., (30) 390.
Hansell, H. F., (57) 308.
Hansen, P. N., (112) 1964
v. Hansemann, D., (98, 102) 315, (39) 642.
Hanson, D. S., (50) 72.
Hansteen, E. H., (139) 1369) 1066
Harbaugh, C. H. (100) 237.
Harbitz, F., (194) 1880, (137, 138) 1966
Harbridge, D. F., (74) 897.
Harcourt, R., (1) 1331.
Hardaway, W. A., (130) 810.
Hardie, T. M., (62) 390, (71) 540.
Hare, F., (22) 1231, (1) 1511.
Hare, H. A., (21) 807.
Hargrave, E. T., (111) 1897.
Hargrove, R. J., (34) 840.
Harkin, F. McD., (39) 2038
Harlan, L., (23) 1055, (67) 1137.
Harland, W. G. R., (90) 1418.
Harman, N. B., (22) 1352.
Harnack, E., (69) 544.
Harner, R. C., (20) 1956
Harnsberger, S., (80) 2122
Harper, J. R., (1) 1857
Harriman, W. E., (108) 1230.
Harrington, C., (3) 2174
Harrington, D. W., (102) 74.
Harrington, T. F., (18) 807.
Harris, H. F., (20) 460.
Harris, M. L., *1368.
Harris, P. A., (34) 625.
Harris, R. A., (67) 390, (131) 1139.
Harris, S., (34) 540.
Harris, T. J. (94) 1685.
Harris, W., (37) 625.
Harris, W. L., (35) 840.
Harrison, G. W., (84) 2123
Harrison, L. W., (20) 809.
Harrison, R., (93) 1058, (62) 1127, (78) 1230, (14) 1331, (68) 1514, (22) 1852.
Harrison, W. S., (34) 543, (39) 1220.
Harrsell, H. F., (42) 2176
Hart, K., (104) 1519.
Hart, R. N., (12) 316.
Hart, T. B., (99) 154.
Hart, T. S., (37) 807, (11) 1054.
Hartenburg, P., 2125
Hartmann, J. A., (56) 2123
Hartshorn, W. E., (3) 808.
Hartung, (48) 1779.
Hartung, E., (94) 545.
Hartung, H. H., (66) 897.
Hartzell, M. B., (5) 71, (42) 807, (21) 1229.
Hartzell, M. H., (129) 810.
Hartzell, W. H., (40) 1685.
Harvey, E. B., *338.
Harvey, W. W., (46) 280.
Harwood, W. K., *2076
Hasbrouck, E. M., (30) 1956
Hassin, G. B., (100) 74, (75) 390, (105) 1419.
Hassin, H. B., (108) 1959
Hasslauer, (116) 1691.
Hassler, W. C., (51) 2038
Hastings, H., (69) 390, (66) 810, (85) 976, (98) 1054.
Hastings, T. W. (4) 233, (9) 808, (13) 906, (27) 1415, (19) 1705
Hatcher, R. A., *2050
Hatfield, S. T. (74) 1597.
Hathaway, H., (66) 1599.
Hathcock, A. L., (112) 1597.
Hauch, E., (89) 214.
Hauck, L., (22) 2120
Hauffe, G., (62) 467.
Haultain, F. W. N., (1) 722.
Haury, (40) 1921
Haus, G. A., (125) 1520.
Hauser, (74) 1234.
Hawley, G. F., *350.
Hay, J., (15, 16) 971, (22) 1060
Hayd, H. E., (46) 1596, (105) 2124
Hayem, G., (23) 155.
Haynes, A. S., (3) 1685.
Haynes, I. S., (14) 1135, (12) 1226.
Hays, H. M., (98) 722.
Hayward, W. C., (18) 1139.
Hazen, J. M., (81) 154.
Hazen, W. P. C., (85) 2123
Hearst, W. L., (109) 1220.
Heath, A. C., *1302.
Heath, C. J., (40) 811.
Heatly, J. G., (53) 2121
Heaton, C. A., *1190.
Hecht, A., (56) 467, (98) 1143.
Hecht, P'O., (45) 461, (63) 1057.
Hecker, (97) 467.
Hecker, R., (97) 79.
Hedges, H. S., (77) 154.
Heerfordt, C., (72) 727.
Heermans, (79) 1062.
Heffron, J. L., (62) 1768
Hegg, E. E., (60) 1058.
Hegar, K., (68) 77.
Held, F., (31) 1223.
Heichelheim, (73) 1861
Heide, H., (57) 813.
Heidingsfeld, M. L., (40) 720, (44) 1055, (21) 2056
Heilbronner, K., (96) 1691, (71) 1962
Heiman, H., (15) 1453
Heimann, G., (69) 304.
Heincke, A., (89) 295, (82) 296.
Heincke, H., (74) 1921
Heinsheimer, F., (78) 642, (110) 975.
Heinze, (91) 79.
Heiser, V. G., *945.
Heitz, J. (48) 543.
Hektoen, L., (63) 237, *247, (27) 1768
Helbron, (33) 642.
Held, R. J., (88) 1058, (54) 1220.
Hellendall, H. (71) 77.
Heller, J., (48) 1932.
Helmholz, H. F., (24) 1415.
Helsingius, O. F., (77) 1954.

V 19

Hemenway, H. B., *2158
Hemmeter, J. C., (26) 640.
Hemminger, R. J., (47) 1685.
Henderson, F. L., (79) 1685.
Henderson, J. W., (130) 722.
Henderson, S. C., (53) 540.
Hendon, G. A., (125) 722.
Hengxe, A., (74) 313.
Henle, (70) 2043
Hennig, K., (104) 80.
Henry, J. M., (79) 1966
Hensel, O., (11) 2176
Herberg, W., (66) 408.
Herdman, R. K., (111) 898.
Herdman, W. J., *1246.
Hérescu, P., (72) 972.
v. Herff, O., (104) 1143, (80) 1881, (80) 1424.
Herman, G. E., (1) 309.
Herman, J. F., (12) 718.
Hermes, O., (101) 1091.
Herrick, F. C., *14, *1438.
Herrick, J. B., (8) 2178
Herrick, J. F., (86) 2039
Herring, P. T., 527.
Herringham, W. P., (20) 1251, (41) 2041
Herrmann, C., (12) 1135.
Herrmann, C. H., (81) 1507.
Hershey, E. P., (30) 1513.
Hertzler, A. E., (4) 965.
Hertzheimer, G., (68) 242, (97) 1964
Hert, H., (26) 467.
Hers, M., (71) 2176, (19) 2177
Hersog, M., (101) 1085, (5) 2214, (19) 2215
Hess, J. H., (20) 896.
Hess, O., (71) 1778
Hessert, V., *2009
Hetherington, A. J., (89) 722.
Heiman, G., (118) 1144, (69) 2127
Heusner, (59) 312.
Hewes, H. F., (15) 719, *938.
Hewetson, J. T., (14) 155, (21) 811, (11) 1139.
Hewitt, J. H., (120) 810.
Hewlett, R. T., (31) 1859
Heyerdahl, S. A., (123) 1920.
Heylmun, H. H., *987.
Hibbard, W. E., (79) 74.
Hicks, H. T., (19) 811.
Higley, H. A., (8) 1511.
Hildebrand, O., (45) 467, (47) 1421.
Hildebrandt, (47) 940.
Hildebrandt, H., (98) 1774
Hildebrandt, K., (108) 1984
Hildebrandt, W., (96, 99) 1518.
Hildreth, J. L., (17) 459.
Hill, C., (30) 294.
Hill, C. A., (31) 543.
Hill, C. E., (79) 982.
Hill, E. C., (49) 1057.
Hill, H., (61) 350.
Hill, H. W., (6) 1230, (98) 1514.
Hill, I. L., (29) 234.
Hill, R. G. (61) 1157.
Hill, R. S., (13) 585.
Hill, W. C., (30) 538.
Hilton, D. C., (22) 1033.
Hilton, W. M. (74) 1230.
Hinberg, V., (103) 2039
Hinshelwood, J., (71) 462, (15) 463.
Hirsch, M., (77) 78, (40) 1233.
Hirschberg, J., (89) 79.
Hirschberg, K., (52) 1779
Hirshberg, L. K., (31) 1854
Hirschfeld, F., (54) 240.
Hirschfeld, H., (46) 465, (48) 1421.
Hirschfelder, A. D., (46) 1057, (25) 1415, (58) 1417.
Hirschman, L. J., (6) 639, (110) 898.
Hirschstein, L., 543.
Hirshberg, L. K., *433.
His, 1405.
Hitchcock, C. W., (38) 2038
Hitchens, A. P., (38) 1855
Hitchings, W. W., *1276.
Hixson, G. W., (74) 1137.
Hobbs, A. G., (67) 1514.
Hochsinn, (69) 973, (55) 1517, (59, 75) 1861, (61) 2043
Hochsinger, (103) 467.
Hodgins, J. C., (116) 154.
Hoelscher, (51) 1137.
Hoerschelmann, E., (40) 1333.
v. Hoesslin, (94) 1966.
Hoffauer, J., (43) 240.
Hoffauer, L., (38) 189.
Hoff, J. V., (46) 308, (63) 997, (22) 1867.
Hoff, J. V. R., (108) 722.
Hoffa, A., (6,) 242, (88) 467, (89) 1140, (57) 1916
Hoffa, T., (103) 548.
Hoffmann, E., (51) 313, (160) 1603.
Hoffmann, F., (59) 1961
Hoffmann, F. A., (48) 240.
Hoffmann, R. S., (68) 466.
Hoffmeyer, H., (81) 1023.
Hofmann, A., (70) 1235, (76) 1517.
Hofmann, C., (66) 1141.
Hofmeier, M., (39) 1228, (118) 1691, (104) 1774
Hohmann, G., (92) 845, (52) 1233, (101) 1603.
Holden, W. A., (103) 1857
Holland, T., (6) 2039
Hollander, L., (94) 974.
Hollen, H. R., (96) 200.
Hollenbeck, H. S., *1277.
Hollister, J. C., (71) 1423.
Holloporter, W. C., *207, (62) 540.
Holm, A., (74) 727.
Holm, I. C., (126) 1966
Holman, C. J., (89) 1709
Holmes, A. M., (105, 102) 227.
Holmes, R., *318, (19) 388, *1886, (74) 2122
Holmes, G. M., (49) 1899.
Holmgren, I. (95) 202.
Holobaf, T., (63) 514.
Holst, F., (32) 1334.
Holst, P. F., (121) 1520.
Holt, E. E., *194.
Holt, L. E., (27) 2027
Holtz, H., (49) 73.
Holton, H. D., (8) 1230, *1248.
Holzbach, E., (79) 2128
Holzknecht, 1217.
Homan, G. (23) 1138, (5) 1220.
Hooper, J. W. D., (25, 27) 392.
Hopkins, F. E., (29) 1228.
Hopkins, S. D., (123) 541.
Hopkins, W. F., (118) 154.
Hoppe, (68) 313, (86) 1963
Hoppe, H. H., (18) 234.
Horder, T. J., (12) 1220, (11) 1221, (15) 1419.
Hornibrook, E., (133) 541, *217.
Hornung, (82) 1963
v. Horoszkiewicz, S. (57) 1517.
Horrocks, P., (7) 1235, (30) 463.
Horrocks, W. H., (22) 76.
Horsley, J. S., *20.
Horsley, V., (3) 970, (24) 1136, (124) 1231.
Horstmann, (87) 1890.
Horton, G. M., (55) 540.
Horwitz, L., (37) 1430.
Hosmack, W. M. C., (28) 1139.
Hotchkiss, L. W., (49) 806, (3) 1511.
Hotz, F. C., (57) 153.
Hough, F. S., *776.
House, A. F., (116) 1419.
Houston, T., (12) 1514.
Howard, L. C., (73) 1958
Howard, W. L., (70) 309, *1891
Howard, W. R., (78) 360.
Howe, L., (77) 462, (72) 807, (94) 1695.
Howe, W. C., (18) 2120
Howell, C. M. H., (24) 1859
Howell, J. M., (44) 2038
Howell, M. Y., (28) 307.
Howitt, H., (19) 1959
Hubbard, J. C. (29) 1683, (19) 2120
Hubbard, T., (74) 540.
Hubbell, A. L., *1, (58) 1957
Hubby, L. M., (82) 1068.
Huckell, R., (27) 724.
Hudleston, W. E., (32) 842.
Huebschmann, P., (103) 974.
Hughes, C. H., (129) 722, (111, 115) 2124
Hughes, D. A., (36) 1512.
Hughes, H., (122) 154, (54) 1417.
Hughes, J. T., (18) 316.
Hughes, M. R., (101) 290, (112) 1857, (67) 2039
Huismans, L., (87) 2044
Huizinga, J. C., (49) 1598.
Humiston, C. E., (100) 1220.
Humiston, R., *1851.
Humiston, W. H., (49) 538, (42) 2038
Hummel, D. E. M., (98) 1857
Hummelsheim, (70) 193.
Humphrey, W. O., (114) 806.
Hun, H., (108) 722.
Hunkin, S. J., (100) ****.
Hunt, E. H., (12) 1514.
Hunt, E. L., (15) 1594, (21) 1683.
Hunt, G. R., (12) 1419.
Hunt, J. E., (48) 1513.
Hunt, J. G., (118, 119) 1857
Hunt, M., (19) 2124
Hunt, R., *766, 1405.
Hunt, V. V., (112) 74.
Hunt, W. L., (7) 1682.
Hunt, W. S., (44) 1138.
Hunter, J., (28) 719, (125) 1331.
Hunter, Q. W., (102, 115) 154.
Hunter, W. (17) 982.
Hunstiker, H., (71) 545.
Hutchison, R., (18) 1232, (24) 1770
Hutchings, W. H., (120) 1138.
Hutchins, H. T., (38) 1055.
Hutchins, M. R., *15.
Hyde, C. R., (34) 72.
Hyde, J. N., (3) 1514.

I

Ibershoff, A. E., (34) 1514.
Ides, J. H., (61) 1512.
Ignazio, F., (45) 2179
Imboden, R., (31) 1022.
Ingbert, C. E., *981, (131) 722.
Inge, H. T., (101) 1321.
Ingersoll, J. M., (31) 1229.
Inglis, D., (90) 300.
Inouye, M., (71) 807.
Ipsen, J., (20) 513, (102) 974.
Iredell, C. L. M., (25) 724.
Irish, R. H. (49) 808.
Irons, E. E., (35) 1227.
Irwin, J. W., (127) 74.
Isaacs, A. E., (97) 810.
Iscovesco, H., (30) 900.
Isham, M. K., (66) 154, (92) 970.
Israel, C., (74) 1517.

J

Jaboulay, (32) 156.
Jack, F. L., *165.
Jack, H. P., (113) 309.
Jack, W. A., Jr., (80) 1229.
Jackson, C., (10) 71, (40) 389, (75) 1685, (21) 2124
Jackson, C. M., *550.
Jackson, C. R., (11) 806.
Jackson, E., *105, (52) 153.
Jackson, F. P. (27) 234, (9) 1511.
Jackson, H., (14) 234.
Jackson, H. C., (29) 1708
Jacob, J., (32) 466.
Jacobi, A., (21) 886, (28) 840, (101) 850, *977, (80) 1229, *1545, (12) 1765, (71) 2039
Jacobs H. B., (105) 2039
Jacobsohn, L., (49) 801.
Jacobson, A. C., (18) 1055.
Jacobson, J. H., (69) 1137.
Jacobson, N., (34) 1229.
Jacoby, M., (122) 808.
Jacoby, S., (49) 1901.
Jaeger, A. S., (58) 72, (105) 154, (71) 1768
Jaffé, M., (45) 465.
James, R. J., (70) 72.
James, W. J., (21) 1854
Jameson, M. L., *954.
Jampolis, M., *1480.
Janet, P., (14) 1504, (19) 1683, (9) 1765, (7) 1833, (15) 1956, (16) 2036, (17) 2120
Janeway, H. H., *1093.
Janeway, T. C., (29) 1415.
Jansen, H., (54) 1861
Jansen, P., (65) 1141.
Jaques, W. K., (65) 227.
Jayle, F., (27) 1233, (58, 57) 1668.
Jeamin, C., (60) 1688, (41) 1959
Jeanselme, (40) 812.
Jehle, L., (63) 1238.
Jennings, C. G., (76) 1058.
Jennings, J. E., (68) 402.
Jepson, W. (31) 541, (31) 1513.
Jervey, J. W., (81) 237.
Jesionek, (76) 1063, (103) 1235.
Jessen, F., (75) 1680.
Jewett, F. H., (32) 1771
Jewett, W. H., (29) 463.
Jessup, D. S. D., (24) 234.
Jeudwine, W. W., (22) 809.
Jezierski, P. V. (32) 1680
Joachim, P., (56) 1225, (113) 1775
Jochmann, G., (61) 242, (62) 1235, (58) 1422, (97) 1602, (93) 2045, (14) 2177
Jockers, H., (36) 240.
Jodlbauer, (80) 243, (49) 1233.
Johnson, C., (33) 1417.
Johnson, C. E., (69) 1858
Johnson, E. G., (116) 1144.
Johnson, F. W., (92) 2039
Johnson, H. L. E., *1371, (16) 1514.
Johnson, J. T., (78) 154, (71) 234, (39) 538.
Johnson, J. A., (98) 237, (55) 1513.
Johnson, R., (29) 1515.
Johnson, R. L., (47) 1417.
Johnson, T. M., (87) 157.
Johnston, J. C., (9) 1513, (4) 1514.
Johnston, R. M., (96, 84) 541, *966, (23, 30) 1594, (7) 2119
Johnstone, M. S., (126) 1220.
Jolly, R., (85) 1063, (81) 1142.
Jonas, A. F., (116) 238, *925.
Jonas, S., (57) 294.
Jones, C. H., (103) 900.
Jones, C. P., (114) 1857
Jones, D. S., (40) 1857
Jones, H. B., (89) 1597.
Jones, H. E., (8) 2039, (15) 2040
Jones, H. P., (85) 1597.
Jones, H. R., (12) 971.
Jones, M. M., (72) 810.
Jones, R., (1) 154, (3) 898, (12) 1139.
Jones, T. J., (41) 1595.
Jones, W. B., (32) 1858
Jordan, W. M., (90) 540.
Jores, L., (48) 1333.
Joseph, E., (75) 78, (77) 1963
Joseph, H., (66) 1688.
Joseph, M., (72) 1234.
Jourdran, (41) 1139.
Joyce, R. S., (50) 968.
Joyce, C., (138) 74.
Judkins, J. H., (89) 390.
Judson, C. F., (31) 640.
Jung, P., (129) 975, (60) 2043
Jurgens, H. J., (48) 1417.

K

Kahler, J. F., (89) 237.
Kahlo, G. D., (64) 1514.
Kahn, M., (126) 541, *2011
Kaijser, F., (113) 1144.
Kaiserling, O., (51) 240.
Kalliontzis, (67) 972.
Kammann, (48) 1060.
Kanavel, A. B., (35) 151.
Kane, A., (52) 1330.
Kanellis, S. J., (47) 543.
Kaplan, D. M., (13) 537.
Kappeler, O., (64) 466.
Kapsammer, G., (24) 1232.
Karakascheff, K. L., (43) 1333.
Karewski, (27) 642.
Karpa, F., (103) 1984
Karrenstein, (55) 1062, (77) 1423.
Kasabian, M. J., *2118.
Kast, L., (96) 974, (61) 1140, (49) 1421
Kasten, J., (47) 1421.
Kathe, (99) 1964
Kaumheimer, G. J., (88) 1059.
Kayser, H., (92) 296, (81) 1962
Kean, J. R., *1175.
Keates, H. C., (13) 75.
Keay, J. H., (13) 391.
Kebler, L. F., *1548, *1622.
Keen, W. W., (111) 154, *460, *598, (40) 2120
Keetley, C. B., (9) 391, (23) 1509, (38) 2041
Kegel, E. T., (87) 2039
Kehrer, E. (91) 1235.
Kehrer, F. A., (65) 77, (62) 1600.
Keith, A., (12) 811, (26) 2125
Kelisa, A. M., (21) 1686, (15) 1770
Keller, A., (45) 1317.
Keller, C., (34) 392.
Kelley, J. T., (24, 21) 1956
Kelling, G., (72) 1963
Kellock, T. H., 293, (29) 1771
Kellogg, E. E., (50) 1128.
Kellogg, F. S., (68) 350.
Kellogg, J. H., 138.
Kelly, A. B., (31) 2125
Kelly, H. A., (2) 1415, (37) 1694, (32) 1854
Kelly, H. A., (41) 460, (41) 987.
Kelly, W. D., (48) 1329.
Kelsch, (33) 812, (39) 1600, (50) 2041
Kelsey, C. H., (7) 1227.
Kelson, W. H., (18) 391.
Kemp, R. C., (15) 807.
Kemp, S., (76) 737.
Kempner, (53) 240.
Kenerson, V., (10) 205, (7) 587.
Kennedy, A. R., (11) 1594.
Kennedy, D., (24) 311.
Kennedy, J. C., (20) 78.
Kennon, W. L., (50) 1600.
Kennon, B. R., (55) 390.
Kentzler, J., (70) 1601, (118) 1775
Kephallinos, N. A., (45,) 1424.
Kepler, W., (47) 1137.
Ker, H. C. (6) 390.
Kerley, C. G., (29) 840, (18) 719, *763, (8) 1508.
Kermauner, F., (67) 77, (92) 1235.
Kermorgant, (37) 812.
Kerr, E. K., (50) 1685.
Kerr, I. J., *775.
Kerr, N., (40) 1329.
Kerrison, C. D., *1848
Kerschensteiner (56) 306.
Kessler, A., (91) 2039
Ketchen, A. D., (3) 1959
v. Ketly, L., (99) 548.
Kettner, (63) 1140.
Keys, F. L., Jr., *1905, (103) 1959
Keys, S. W., (112) 1419.
Keyser, C. R., (11) 75.
v. Khautz, A., (106) 467.
Kiaer, G., (80) 540.
Kiefer, G. L., (78) 1038.
Kiefer, H. A., *302, (70) 390.
Kiernan, J. G., (120) 722, (93) 1507, (113, 116) 2124
Killian, G., (16) 463.
Kimberlin, A. C., (90) 309.
Kime, J. W., (115) 1331.
Kimia, R., (95) 177, (100) 2129
King, A. E., (77) 1295.
King, C., (56) 307, (1) 1853
King, C. P., (79) 1139.
King, E., (86) 897.
King, G., (29) 1139.
King, G. W., *1498, *1739
King, H. M., (2) 387.
King, J. C., (79) 74.
King, J. E., (100) 1769
King, P., (50) 1884.
King, W. E., (28) 1766
King, W. F., (90) 390.
Kinghorn, A., (11) 641, (19) 1139.
Kinghorn, H. M., (24) 807, (35) 1896.
Kingsbury, J., (84) 1229.

Kinkead, R. J., (35) 1961, (34) 2125
Kinnicutt, F. P., (12) 894.
Kinyoun, J. J., (6) 1811.
Kipp, C. J., (97) 1330.
Kirchgessner, F., (96) 1774
Kirchner, A., (52) 813.
Kirchner, W. C. G., (99) 898.
Kirkham, F. W., (56) 966.
Kirkland, T., (11) 800.
Kirkpatrick, W. L., (129) 898.
Kirmisson, E., (48) 2126
Kisch, E. H., (90) 467, (56) 543.
Kisch, F., Jr., (42) 1060.
Kitasato, S., (5) 234, (61) 462.
Kivlin, C. F., (13) 305.
Klaussner, (94) 2128
Kleba, A. G., (34) 1595.
Kleba, H., (34) 1595.
Klein, A., (78) 314.
Klein, E., (4) 1789
Klein, I., (115) 1062.
Klemm, P., (62) 468.
Klieneberger, C., (73) 466, (89) 845, (91) 1656.
Klieneberger, K., (81) 2044
Kline, R. J., (150) 74.
Klopstock, F., (89) 896, (87) 1774
Klotz, O., (40) 938, (64) 949.
Knaggs, R. L., (19) 462.
Knapp, A., (75) 74, (56) 300, (75, 76) 970, (97) 2039
Knapp, H., (54) 153.
Knapp, L., (38) 1228.
Knapp, R. E., 2152
Knauth, (73) 318.
Knight, C. H., (9) 1415.
Knopf, S. A., (12) 459, (61) 810, (16) 1055, (71) 1330, (61) 1597, (12) 1852
Knott, J., (23) 1663.
Knowles, F. C., (13) 2120
Knox, A. F., (57) 1330.
Knox, J. H. M., (29) 896.
Knox, R., (13) 236, (21) 1858
Knox, R. W., (99) 74.
Koblanck, (73) 1338.
Koch, R., (84) 721.
Koch, T. H., (5) 302.
Kocher, (35) 1232.
Koefoed, P., (60) 813.
Koeppe, H., (68) 1063.
Koerner, (99) 2039
Koffman, S., (64) 1141.
Kohn, A., (108) 1143.
Kohn, A. D., (42) 1855
Kohnstamm, O., (32) 643.
Kolko, (37) 74.
Konig, F., (68) 726.
Königer, H., (77) 2044
Konkle, W. R., (17) 1512.
Kopetzky, S. J., (84) 1056, (45) 1127, (30) 1513.
Koplik, H., (18) 1258.
Korangi, 708.
v. Korányi, F., (84) 1862
Körner, (56) 1862.
Kornchum, S., (121) 1803.
Körte, (74) 1063.
Koster, G., (68) 726.
Kowarski, A., (89) 465.
Kowmatzki, (89) 77.
Kraemer, A., (82) 1863.
Kraepelin, E., (69) 313, 1190.
Krapp, R. E., (45) 1258.
Krasting, K., (108) 1519.
Krause, F., (39) 1060.
Krause, P., (88) 1778
Krauss, F., (8) 151.
Krauss, W. C., (24) 2036
Krecke, (60) 313.
Krefting, R., (186) 1520.
Kress, G., (10) 718.
Krom, G. H., (92) 1330, (116) 1331, (50) 2038
Kreuzfuchs, S., (81) 243.
Krienitz, W., (53) 313.
Krohber, E., (129) 1601.
Krohn, M. J., (10) 810.
Krompecher, E., (98) 315.
Krönig, G., (44) 240, (48) 304, (58) 1961
Krönlein, (32) 1232.
Kronthal, P., (44) 794.
Krotoszyner, M., (58) 2038
Krouse, L. J., (24) 640.
Krüger, (96) 1054
Kruger, F., (97) 1143.
Kucher, J., (81) 74.
Kugler, J., (59) 543.
Kuh, S., (73) 227, (55) 402, (64) 1057.
Kuhn, E., (67) 1425
Kuhn, F., (91) 243, (41) 643, (96) 2045
Kümmel, 2119
Kümmell, H., (59) 1062, (43) 1232.
Küppers, (73) 313.
Kurdinowski, E. M., (39) 77.
Kurtz, J., (47) 155.
Küster, (91) 545.
Kutscher, K., (43) 212, (32) 725.
Kutscher, K. H. (86) 1860.
Kuttner, L., (50) 1060.
Kyle, J. J., (62, 65) 230.

L

Labbé, H., (34) 393, (42) 1961
Labbé, M., (39) 202.
Labhardt, A., (62) 2043
Lacamagne, A., (57) 156.
Lack, H. L., (29) 462.
Lacombe, L., (48) 78.
Ladd, L. W., (92) 237.
La Fetra, L. E., (10) 1808.
Laignel-Lavastine, (40) 203, (83) 1120.
Lake, G. B., *2158
Lake, R., (9) 1055.
Lamb, B. S., (33) 235.
Lamb, G., (11) 391.
Lamb, R. S., (78) 1229.
Lambert, A., *945.
Lambkin, F. J., (35) 542, (17) 1858
Lamborn, W. H., (45) 1228.
Lamels, M. R., (11) 71.
Lamont, W. A., (93) 1230.
Lancereaux, (36) 464.
Landeen, F. G., (121) 154.
Landers, J. R., (154) 74, (64) 208, (50) 541.
Landis, H. R. M., (36) 1595.
Lands, D. H., (51) 1958
Landsdell, H., (94) 244, (109) 315, (109) 546, (49) 1536, (89) 1863
Landow, M., (87) 1424.
Lane, J. E., (32) 1859
Lang, H., (78) 1234.
Lange, F., (93) 243, (76) 1773
Langmead, F., (13) 310.
Langstein, L., (32) 543, (108, 107) 1691.
Langworthy, H. G., (76) 540, (18) 807, (4) 1511, (17) 1594, (66) 1685, (69) 2039
Lankford, J. S., (76) 309.
Lanphear, E., (130) 74, (16) 151, (61) 2039, (52) 2121
La Place, E., (113) 970.
Laqueur, (91) 1962
Larkin, J. C., (43) 2038, (22) 2120
Larned, E. R., (68) 237, (51) 461, (92) 1230.
La Roque, G. P., (8) 305, *563, (23) 718, (84) 722, (46) 1225, (29) 2039
Lasar, O., (100) 315, (50) 725.
Lasignardie, H., (20) 642.
Latham, V. A., *918, (91) 1514.
Latta, J. H., (45) 1515.
Latteux, P., (24) 1333.
Lauenstein, C., (71) 1517.
Lauschner, E., (59) 1517.
Lavenson, R. R., (44) 72, (37) 1684.
Laveran, A., (43) 971.
Law, G., (88) 810, (56) 1573.
Law, H., (28) 900.
Lawbaugh, A. L., (50) 1396.
Lawney, E., (9) 541, (64) 1418.
Lawrence, F. F., (21) 1956, (94) 2124
Lawrence, H., (29) 302.
Lawrence, V. E., (34) 1958
Lawrie, W. D., (23) 1668.
Layne, C., (79) 154.
Layton, E. N., *274, (75) 2122
Lazarus, P., (95) 1882
Lazelle, H. G., (42) 1136.
Lazelle, W. (129) 154.
Leavitt, F., (97) 897.
LeBeuf, L. G., (66) 1857
Le Boutillier, T., (34) 640.
Le Boutillier, T. G., (42) 460.
Le Breton, P. *1004.
Lecène, F., (53) 2042
Lederhose, G., (67) 242.
Lederman, M. D., (30) 72.
Ledlard, H. A., (15) 1355.
Ledingham, J. C. G. (11) 155.
Leduc, S., (24) 1231, (32) 1450, (55) 1688.
Lee, C. G., (35) 2041
Lee, F. E., (13) 792.
Leedham-Green, C., (4) 810.
Le Fevre, E., (110) 2039, (8) 2124
LeFevre, W. L. *111.
Le Gendre, P., (28) 311.
Legrand, L., (38) 1060.
Legueu, F., (30) 311, (34) 1059.
Lehman, W., (33) 1595.
Lehmann, O., (102) 1774
Lehnkering, P., 953.
Lejars, F. (34) 311, (47) 1961
Leland, G. A., (5) 1054.
Lemere, H. R., *271.
Lemmlere, H., (114) 1602.
Lemze, G. G., (30) 308.
Lendon, A. A., (23) 392, (16) 1059, (20) 1687.
Lendorf, A., (99) 727.
Lengfellner, K., (38) 2177
Lenné, (57) 543.
Lenoble, J., (46) 543.
Leo, A., (61) 1328.
Leo, H., (53) 1140, (102) 1143, (51) 1234.
Leobold, S., (8) 966.
Leonard, C. L., (69) 154, (4) 1852
Leonard, E. L., (110) 541, (38) 2039
Leonardi, E., (62) 129.
Leopold, (72) 468.
Leo-Wolf, C. G., (4) 2035
Lercbe, W., (93) 897.
Leriche, R., (50) 76, (33) 392, (38, 41) 900, (46) 2041
Leroux, R., (32) 900.
Lesan, C., (69) 810.
Lesem, W. W., (5) 894, (13) 1602.
Lespinasse, V. D., *1189.
Lesser, E., (44) 1050.
Létienne, A., (48) 812.
Letulle, M., (43) 1961, (45) 2125
Leube, M., (108) 2042
Leucha, J., (62) 1062.
Leuschner, R., (32) 1500.
Levaditi, (59) 971.
Levaditi, C., (51) 1961
Levai, J., (45) 486.
Leven, G., (34) 900.
Levens, P. G., (21) 899.
Levi, L., 203.
Levinger, (65) 726.
Levings, A. H., (65) 1703
Levinson, J. B., (83) 1869.
Levison, C. G., (54) 2039
Levison, L. A., (86) 237, *938.
Levy, A. G., (5) 722.
Levy, F., (114) 1775, (67) 2127
Levy, R., (97) 237, (54) 1513, (100) 1965.
Lewald, L. T., (59) 896.
Lewers, A. H. N., (10) 155.
Lewinsch, S., (80) 545.
Lewin, C., (114) 466.
Lewin, L., (69) 313, (90) 2044
Lewis, B., *1233, (1) 1327.
Lewis, D., (99) 1138, (44) 1685.
Lewis, D. D., (38, 51) 1855
Lewis, D. H., (135) 541.
Lewis, G. N., (76) 237.
Lewis, H. F., (82) 1855
Lewis, T., (13) 1220, (5) 1700
Lewis, W. A., *2012
Lewisohn, R., (101) 215, (68) 544.
Y. Leyden, E., (87) 1892
Lexer, E., (85) 243, (70) 466.
Leyz, J. F., (4) 150, (23) 306, (61) 597
Libby, G. W., (95) 1514.
Libman, E., (39) 640.
v. Lichtenberg, A., (92) 1691.
Lichty, D., *2012
Lichty, J. A., (19) 1512.
Lickley, J. D., (23) 1859
Liebermann, J. M., (25) 398.
Liebmeister, G., (101) 1518.
Liebmann, P., (47) 158.
Liebmann, R., (40) 312, (120) 1602, (16) 2177
Liepmann, W., (92) 1063, (92) 1142.
Lightner, C. A., (75) 1055.
Ligouri, F. C., (111) 2039
Lilienstein, (72) 313
Limmell, E. E., (110) 1854
Linas, G., (22) 642.
Lindemann, (32) 2177
Lindemann, L., (89) 898, (40) 943.
Lindenstein, (66) 1861, (6) 2176
Lindley, W., (45) 153, (8) 1330.
Lindman, C., (73) 814.
Lindsay, J., (6) 722.
Lindsay, W. S., (47) 1513.
Lindström, S., (71) 813.
Linenthal, H., (12) 1705
Ling, G. D., (115) 1969
Link, G., (113) 1859
Link, R., (93) 1518.
Linn, C. H., (111) 1138.
Linnartz, (73) 1141.
Litchfield, L., (75) 154.
Litten, M., (67) 2127
Litthauer, M., (67) 312.
Littig, L. W., (94) 2039
Little, E. M., (34) 2040
Little, J. W., (50) 1229.
Little, W. T., (97) 154.
Littlewood, H., (4) 2039
Liviérato, R., (107) 546, (67) 902, (97) 1863, (114, 122) 1965, (42) 2176
Lloyd, J., (11) 1130.
Lloyd, J. H., (85) 1418, *1972
Lloyd, S., (51) 236, (10) 537.
Lobenstine, R. W., (84) 640.
Lobingier, A. S., (89) 1230.
Lochridge, E. E., (99) 1227.
Locke, E. A., (16) 71.
Lockhart, F. L., (127) 154.
Lockwood, T. F., (46) 1417.
Lockyer, C., (92) 1418.
Loeb, H. W., (12) 2040
Loeb, L., (47) 640, (104) 974, (45) 1957, (100) 1964
Loebel, A., (80) 665.
Loeffler, F., (118, 119) 975.
Loele, W., (45) 643.
Loening, F., (88) 2128
Loewe, O., (88) 152.
Loewenfeld, L., (122) 1691.
Logan, O. T., (28) 1899.
Logan, S., (51) 228.
Logothetopoulos, (85) 972.
Lohrer, H., (111) 1602.
Loison, E., (32) 1958.
Lomb, H. C., (101) 1857
Lombard, W. P., *1700
Lombardo, C., (128) 547.
Lommel, F., (44) 1333.
Londe, P., (42%) 464.
Long, J. R., 2114
Longcope, W. T., (1) 397.
Longenecker, D. F., (116) 74, (121) 376.
Longino, J. T., (103) 1321.
Longyear, H. W., (97) 2124
Lopez, J. H., (34) 1258.
Lorand, A., (68) 1514.
Lord, F. T., (77) 1418.
Lord, J. P., (91) 1229.
Lorens, A., (65) 1122
Lorey, C., (125) 154.
Lotheisen, (76) 78.
Letsch, F., (71) 395.
Lotz, K., (100) 1691.
Love, J. K., (20) 2125
Lovett, R. W., (4) 1508, (62) 2122
Low, V. W., (14) 235.
Lowell, J., (104) 1857
Lower, W. E., (27) 538.
Lowermilk, R. C., (115) 74.
Lowman, J. H., (114) 1419.
Lubarsch, O., (97) 1966, (82) 1774
Lubenau, (117) 1775
Lubenetzky, 1213.
Lucas, F. B., (118) 970.
Luckett, W. H., (119) 238.
Lüdke, H., (73) 1690.
Ludloff, (54) 1063.
Lull, C., 51.
Lumbard, J. E., (3) 2035
Lund, F. B. *470, (19) 2120
Lundblad, O., (64) 813.
Lundberg, H., (112) 1143.
Lusk, G., *1304
Lutz, S. H., (51) 640.
Luys, G., (5) 572.
Lydston, G. F., (21) 72, *169, (37) 460, *1911
Lyle, R. F. R., (3) 722.
Lyman, D. R., (129) 1130, (91) 1397.
Lynch, C., (15) 888, (20) 459, (61) 721.
Lynch, F. W., (32) 2120
Lynch, J. M., (55) 1057.
Lynch, J. G., (116) 1138.
Lyng, J. A., (60) 238.
Lyngdoh, H., (29) 1859
Lyon, F. B., (37) 1960

M

Maag, H., (56) 155.
Maas, H., (39) 1962
Mabarry, J., (38) 1969
MacAlister, D., (8) 1120, (18) 1515.
Macartney, D., (32) 1439, (29) 2125
MacCarty, W. C., (97) 1045
MacCallum, H. A., (15) 1605.
MacCallum, W. G., *934, (13) 1959
MacCormick, A., (17) 1052.
Macdonald, D., (4) 1859
MacDonald, J. A., *101.
Macdonald, W. G., (34) 967.
Macevitt, J. C., (24) 393.
Macewen, J. A. C., (13) 154, (32) 1855.
Macewen, W., (1) 395.
MacFadyen, (11) 1419.
Macfie, R. C., (18) 155.
Macgowan, G., (62, 132) 810.
Macgregor, R. D., (20) 723.
MacGregor, R. S., (32) 896.
Machol, A., (69) 1775
Macht, D. I., (57) 1417.
Mack, C. S., (83) 1514.
Mackay, E. C., (4) 640.
MacKee, G. M., (16) 459.
MacKenzie, A. J., (93) 1760
Mackenzie, J., (1) 238, (5) 309, (6) 1855, (9) 1709
Mackenzie, K. A. J., *341.
Mackenzie, W., (28) 640, (28) 1697.
Mackey, C., (15) 1321.
Mackinnon, A. I., (118) 238.
MacLaren, M., (7) 1959
Maclaren, A., (52) 805.
Maclaren, R., (1) 810.
MacLennan, A., (5) 1665.
MacLeod, J. W. H., (35) 462.
Macleod, K., (1) 1508.
MacMonagle, B. (48) 896.
MacMurchy, H., (5) 1321.
MacNamara, E., (6) 722.
MacNaughton, G. W. F., (18) 890.
MacNevin, M. G., *14.
MacPhater, N., (104) 1128.
Macsmith, S., (16) 2040
Maddan, F. C., (25) 1899.
Maddan, J., (72) 906, (63) 1513.
Maddox, J. D., (120) 74.
Mase, V., (51) 236.
Magee, C., (32) 1709
Maggard, D. I., (40) 1513.

Magal, E., (134) 847.
Magnus, R., (71) 1295.
Magnus-Levy, A., (79) 1882
Mahood, H. T., (65) 154.
Maier, F. H. (29) 2139
Majewski, (66) 972.
Malcolm, J. D., (12) 155, (4) 462, (8) 641.
Mallet, J. W., (111) 1857
Mallick, L., (38) 1921
Malone, E., (126) 970.
Malone, H. H., *730.
Manasse, P., (62) 1772
Manchester, H. L., (102) 970.
Mandel, A. R. *1804
Mandel, (99) 1774
Mangan, M., (12) 2035
Mangin, F. M., (44) 1599.
v. Mangoldt, F., (65) 1141.
Mann, A. Y., (51) 73.
Mann, R. H. Y., (94) 300, (41) 1417.
Manning, T. D., (4) 1058.
Manouelian, (59) 971.
Mansteufel, (91) 2045
Manton, W. P., (45) 538, (30) 2039
Mantoux, C., (46) 901.
Manwaring, J. G. R., (41) 2028
Manwaring, W. H., (32, 33) 1227, (126) 1321.
Maragliano, D., (110) 1519.
Maragliano, E., (113) 1982
Maragliano, V., (69) 644.
Marchand, J. F., (145) 74, (51) 721.
Marchiolo, E., (72) 150.
Marchoux, (60) 1961
Marcon, 138.
Marcy, H. O., *1889, *2135
Mareschal, H., (91) 1857
Marhan, R. R., (46) 1800
Mariani, F., (105) 815.
Marie, (51) 78, (39) 542.
Marie, P., (44) 1772, (3) 2170
Marie, S. J., (43) 1417, (63) 1514.
Markley, A., (20) 1126.
Markoe, J. W., (60, 63) 640, (21) 2176
Marks, L. H., (25) 1854
Marmorek, A., (61) 1517.
Marnoch, (90) 1771
Marple, W. B., *621, (27) 1894.
Marrs, W. T., (104) 300, (72) 1514.
Mars, J. D., (122) 2134
Marshall, C. R., (654) 998, (16) 2134
Marshall, G. G., (54) 998.
Marshall, J., (50) 1957
Marshall, V. F., (101) 74, (1) 1955
Martel, H., (67) 484.
Martens, (32) 1901
Martin, A., (128) 975, (32) 1039.
Martin, A. F., (8) 1321.
Martin, C. F., (78) 807, (6) 1054.
Martin, E., (121) 810, (31) 967, (39) 1252.
Martin, M., (69) 242, (97) 845.
Martin, P. F., (3) 1566.
Martin, T. C., (82) 721.
Martindale, J. W., (47) 899.
Martinet, A., (28) 155, (29) 211, (38) 542, (35) 900, (39, 42) 1139, (42) 1252, (46) 1961
Martinotti, G., (72) 902.
Marvel, E., (113) 154.
Marvel, F., *898.
Marx, H., (69) 685, (87) 1517, (128) 1891.
Marx, S., (10) 254.
Mascagnolli, L., (108) 1893
Masland, H. C., (45) 800, (112) 970.
Mason, H. N., (29) 640, *763.
Mason, J. M., (32) 1762
Mason, R. E., (60) 527.
Masuglia, A., (104) 815.
Masulonge, R., (114) 818.
Masuri, G., (50) 814.
Masury, A. A., (11) 971.
Matas, R., *900.
Materazzi, C. S., (59) 644.
Mathes, P., (54) 1324.
Mathews, A. P., (29) 1227.
Mathews, W. T., (83) 1857
Matignon, J. J., (47) 3041, (44) 2125
Matté, (72) 242
Matter, C. M., (29) 151.
Matthews, A. A., (129) 1857
Mauclaire, (62) 975.
Maudsley, H. C., (38) 724.
Mauldin, L. O., (1294) 898.
Maury, S. M., (98) 1597.
Maury, R. R., (32) 838.
Mavrogyannis, A., (109) 1894
May, C. H., (73, 103) 1857
May, R., (89) 238.
May, W. J., (60) 462.
Mayer, Jr., (35) 1252, (85) 1629.
Mayer, E., (67) 976, *1553, *1898.
Mayer, F. J., (70) 1299.
Mayer, K., (99) 2045
Mayer, O. B., (114) 1891.
Mayer, S., (67, 67) 1772
Mayhew, P., (20) 810.
Maynard, F. P., (32) 1139.
Maynard, J. H., (92) 2039
Maye, C. H., (128) 968, (32) 997.
Mayo, H. N., *26, (104) 541, (128) 810.
Mayo, W. J., (120) 154, (50) 909, *912, *921, (18) 1959
Mays, T. J., (72) 1220.
Mazzei, T., (104) 818, 1883
McAirty, 253.
McAllister, A., (122) 722, *1087.
McAllister, C., (29) 73.
McArthur, A. N., (20) 1050.
McArthur, L. L., (28) 967.
McAuliffe, G. B., *777.
McBride, R. E., (121) 1220.
McCallum, W. G., (113, 114, 115, 116) 810.
McCauley, D., (121) 74.
McCaskey, G. W., (15) 459, (2) 629, *1803, (12) 1955, (102) 1959
McCaul, G. B., (29) 211.
McClanahan, H., *1145.
McCleary, C. F., (3) 900.
McCleve, T. C., (60) 2039
McClintock, C. T., (25) 1706
McClure, R. D., (116) 810.
McConnell, G. G., (112) 237.
McConnell, J. F., (62) 1418.
McCormack, J. X., *956, *1043.
McCowen, W. T., (32) 1809
McCoy, J., (60) 540, (25, 32) 896
McCrae, T., (16) 2124, (9) 2175
McCreery, F. R., (5) 304, (25) 1226.
McCurdy, S. H., (7) 257, (40) 460.
McDonagh, G. H., (6) 2039
McDonald, E., *1979
McDonald, G. S., (71) 1514.
McDonnell, R. A., (78) 237.
McDonnell, R. I., (122) 209.
McDowell, C. F., (43) 380.
McEwen, E. L., *2.
McEwen, F., (79) 1857
McFadyen, A., (4) 970.
McGavin, L., (17) 811.
McGavran, C. W., (146) 74.
McGibbon, S., (26) 826.
McGill, A., (15) 1514.
McGowan, J., (41) 1687.
McGraw, T. A., (36) 2038
M'Gregor, A. N., (34) 1657.
McGregor, R. C., (84) 970, (102) 1685, (36) 2176
McGuire, J. C., (151) 74, (8) 804.
McGuire, S., (36) 380, (106) 1597, (92) 2132
McHenry, J. H., (48) 238.
McIlhenny, P. J., (92) 238.
McKechnie, M. V., (8) 402.
McKechnie, R. F., (80) 540.
McKee, R., (74, 22) 459, (23) 896, (21) 1139, (30) 1824
McKendrick, J. A., (94) 1499.
McKenzie, B. E., (14) 1959
McKernon, J. F., (15) 2040
McLaren, A., (32) 1087
McLaughlin, A. J., 2113
McLauthlin, H. W., (80) 74.
McLean, N. T., (28) 1055, *1168.
McLeod, J. M., (45) 1799.
McLester, J. S., (52) 540.
McMullen, R. H., (94) 970.
McMurtry, L. S., (11) 1857
McNaught, J. G., (28, 45) 1599.
McNeal, E. V., (32) 1087
McPheeters, E., (30) 1087.
McPherson, R., (62) 640, (22) 2176
McRae, F. W., (48) 2121
McReynolds, J. C., (59) 722, (32) 1417.
McSweeney, R. M., (87) 1898
McVay, J. H., (79) 1514.
McVey, W. E., (25) 1956
McWilliams, A. C., (3) 253.
Meacham, G. W., (6) 3041
Mears, F. R., (32) 640, (32) 896.
Medin, O., (102) 903.
Meek, J. W., (98) 1898
Megrail, W. J., *955.
Mehay, J. W., (39) 2125
Meier, A., (57) 77.
Meisenburg, (55) 1422.
Mellbye, F. A. M., (122) 1590, (15) 2134
Meltzer, S. J., (14) 459.
Melville, E. W., (121) 154.
Melvin, J. T., (94) 1220.
Melzi, U., (84) 159.
Ménager, 951.
Mendel, E., (80) 242.
Mendel, L. B., (77) 237.
Mendelsohn, O., (79) 1234.
Menne, E., (77) 895.
Ménocal, R., (76) 972.
Mercier, C., (31) 1509.
Mérieux, (98) 2038.
Merkel, H., (103) 1602.
Merrill, E. D., (78) 74, (97) 1412.
Merrill, T., *434.
Mersbacher, L., 1217.
Mesnil, F., (43, 54) 971, (52) 1260.
Messmer, C., (91) 1952.
Metschikoff, E., (32) 75.
Metzenbaum, M., *1952.
Metzger, (70) 1951
Meunier, L., (65) 1089).
Meyer, A., (95) 974, (5) 1419.
Meyer, E., (80, 81) 2038
Meyer, F., (41) 156, (94) 467.
Meyer, H., (60) 721, (61) 1092.
Meyer, J., (82) 1518.
Meyer, L. B., (18) 1135.
Meyer, R., (63) 1258.
Meyer-Rüggi, H., (78) 1517.
Meyer, W., (37) 967, *1069.
Meyers, C., (18) 1088.
Meyerstein, W., (72) 1861, (27) 2177
Mez, C., (30) 2176
Michaelis, L., (109) 468.
Michaelis, R., (79) 467.
Mickle, W. J., (1) 1419.
Migliarel, G., (100) 815.
Milbee, H. H., (110) 1419.
Milchner, R., (93) 974.
Millener, F. H., (43) 896, (85) 1660.
Miller, C., (26) 2125.
Miller, C. R., (32) 1055.
Miller, C. J., (73) 2229, (100) 1857
Miller, D. J. M., (17) 1125, (80) 1330.
Miller, H. B., (127) 898.
Miller, H. W., (35) 238.
Miller, R. F., (72) 1085.
Miller, R. Y., (44) 1657, (74) 1768, (103) 2039
Miller, W. G., (29) 896.
Millican, K. W., (2) 223.
Milligan, J. A., (134) 309.
Milligan, W., 898.
Millikin, B. L., (47) 2038
Mills, A. E., (19) 1909.
Mills, C. K., (62) 308, (110) 970, (34) 1418, (3) 1419, *1638.
Milner, A. E., (32) 76.
Milroy, W. F., (100) 250, (12) 896, (103) 810.
Minasian, H. A., (110) 1220.
Minciotti, G., (61) 644.
Minelli, S., (98) 1984
Minich, E. C., (9) 240.
Mink, O. O., *1186.
Minkowski, O., (121) 975, (60) 1335.
Minor, C. L., (102) 898, (32) 1505.
Minor, J. C., (82) 810.
v. Miram, (36) 1222, 2139
Mirbelli, V., (33) 78.
Mironescu, Th., (50) 1517.
Mitchell, H. C., (67) 237, (50) 481.
Mitchell, R. W., *1987
Mitra, M., (37) 1091
Mittendorf, W. F., (61) 1857
Mix, C. L., (61) 1057, (58) 1085.
Moeller, J., (104) 74.
Moffit, H. C., (79) 1418
Mohlau, F. G., (50) 1885
Mohr, L., (69) 1517
Molesa, G. A., (53) 73, (95) 154
Moll, L., (38) 1062
Mollweide, R., (80) 1518
Moloney, P., *1189
Molson, W. A., (36) 896
Monprofit, A., (31) 1059
Monro, T. K., (33) 1857, (33, 37) 2041
Monroe, P. W., (14) 237
Monsarrat, K. W., (28) (30) 971
Montgomery, E. E., *1777, (28) 2120, (58) 2122
Montgomery, F. H., (45) 397
Montgomery, L. H., (115) 227
Montmarquet, J. D., (64) 1856
Monzardo, G., (85) 902, (119) 2046
Moodie, R. L., *119
Moody, G. H., (105) 722
Mook, W. H., (42) 1956
Moon, R. O., (18) 1220
Moore, B. W., (100) 1959
Moore, G. H., (24, 25) 1130
Moore, J. E., *242
Moore, J. T., (98) 74, (77) 809
Moore, M. L., (48) 153
Moore, N., (78) 1688, (23) 1770, (20) 2048, (24) 2125
Moore, R. R. H., (40) 1509
Moore, R. C., (63) 2039
Moore, S. A., (22) 1949
Moore, T. W., *1488
Moore, W., (108) 237, (41) 1516, (32) 1697
Moore, W. G., (40) 640, (25) 1130
Moorehouse, G. W., (91) 237
Moorhead, T. G., (18) 811
Mosser, C. E., *895
Morel, L., (78) 972
Morelli, P. C., (94) 815
Moreschi, C., (45) 1421, (71) 1601
Morgan, A. C., (12) 1418, *2023
Morgan, D., (6) 1859
Morgan, W. G., (31) 238
Morgenbesser, H., (19) 1135
Morgenroth, J., (60) 1962
Mori, M., (51) 1322
Moriarta, D. C., (107) 722
Morichau-Beauchant, R., (43) 76
Morin, (64) 1859
Morison, A., (7) 641
Moritz, F., (40) 154, (62) 2136
Moritz, P., (85) 894
Moro, E., (92) 2045
Morrell, J., *2139
Morris, H., (9) 642
Morris, J. M., (85) 1507
Morris, R. T., (111) 154, (109) 725, (53) 998
Morrow, P. A., (96) 722, *2144
Morse, J. L., (9) 1225, (60) 1566, (9) 1568, (11) 2035, (30) 2120
Morse, W. B., *2192
Morton, C. A., (3) 810
Morton, W. J., (1) 2119
Moschowitz, A. V., (9) 305
Moschcowitz, L. V., (20) 1226
Moscou, J., (27) 155
Moseley, H. P., (9) 1054, (15) 1958
v. Mosetig-Moorhof, E., (34) 1955
Mosher, H. P., (122) 1220, (17) 1415, *1955
Mosseglia, A., (98) 1883
Mosse, M., (68) 1902
Mott, F. W., (9) 810
Motz, (68) 972
Moulden, W. R., (4) 456
Moullin, C. M., (10) 1221, (44) 2041
Moulton, H., (71) 970
Moynihan, B. G. A., (2) 2039
Much, H., (65) 1063, (46) 421, (54) 1859
Muck, O., (115) 1902
Muggia, G., (76) 902
Mühlens, P., (64) 242
Muhsam, R., (52) 813, (100) 1597
Mühsam, W., (78) 1234
Mulchead, A. L., (92) 722
Mullen, (37) 1417
Müller, E., (117) 1144, (62) 1235, (97) 1902, (33) 2045
Müller, F., (78) 255
Müller, G., (101) 548
Müller, G. P., (43) 72, (92) 1139
Müller, O., (89) 1950
Müller, P., (82) 1602
Mummery, P. L., (20) 811
Munro, J. F., (3) 1958
Munro, W. J., (34) 724, (21) 1059
Munz, P., (58) 543
Murdoch, F. H., (16) 639
Muren, G. M., (39) 153, (50) 2121
Murphy, E. J., (12) 1204
Murphy, F. J., (111) 1220, (75) 1897
Murphy, J. B., (47) 1855
Murray, D. H., (11) 1602
Murray, F. M., (58) 1259
Murray, G. P., (44) 903
Murray, R. W., (4) 154, (37) 971
Murray, W. B., (30) 239
Murray, W. R., (1044) 898, (90) 1709
Murrell, T. W., (24) 154
Murri, A., (98) 244
Muscatello, G., (76) 1951
Musgrave, W. E., (27) 462
Musser, J. H., (9) 983, (84) 1139, *2181
Musson, E. L., *2017
Myers, A. W., (117) 154, (37) 640
Myers, R., (46) 1895
Mygind, H., (89) 902

N

Nagel, J., (43) 1421
Nakajama, H., (36) 643
Nammack, C. E., (7) 71
Nannestad, (120) 1220
Napier, F. H., (72) 466
Napp, O. (115) 468
Nathan, P. W., (7) 2175
Nattan-Larrier, L., (45) 1220
Naumann, G., (112) 1954
Neave, F. H., (64) 906
Neave, S., (18) 421
Nebel, W., (67) 1053
Neck, (109) 1602
Neff, J. M., (46) 1855
Negri, A., (119) 2130
Negro, C., (52) 1902
Neilans, W. H., (95) 1952
Neiser, A., (98) 70, (88) 1235
Neiser, M., (80) 1950
Neill, L., *1025, 1026
Nelson, J., *1819
Nenadovics, L., (35) 642
Neu, F. C., *101
Neubauer, O., (79) 895
Neuhäuser, H., (64) 1600
Neujean, V., (97) 240
Neuman, D. S., (102) 841, (94) 910
Neumann, E., (91) 1774
Neumann, F., (37) 1142
Neumann, H., (48) 1137
Neumann, J., (31) 972
Neumann, W., (41) 155
v. Neupert, Jr., C., (111) 1419
Nevins, J., (134) 309
Newell, E. D., (41) 1707
Newbolt, G. F., (39) 971
Newcomb, L. A., (102) 970
Newcomet, W. S., (66) 1899
Newell, F. R., (45) 238, *1251
Newman, F. L., (30) 899

Newmayer, S. W., (47) 1686
Newmark, F., (49) 153
Nias, J. B., (16) 899
Nichols, E. H., (4) 1846
Nichols, J. B., (31) 235, (3) 1662
Nichols, H. J., (38) 1554
Nicholson, W. R., (91) 1138
Niclous, M., (38) 1686
Nicola, B., (120) 2130
Nicola, C. C., (18) 2036
Nicolas, J., (46) 76, (38, 41) 1771
Nicolich, (73) 972
Nicoll, J. H., (3) 810
Nicoll, Jr., M., (80) 1138
Nicolle, (80) 1380
Nicolle, C., (47) 812, (45, 49) 971
Nicolle, M., (84) 971
Nieder, C. F., *872
Niesnytka, (75) 545
Nieter, A., (120) 1603, (16) 2171
Niles, H. B., *232
Nilson, G., (67) 813
Noble, C. P., (30) 1130, (41) 1359, *1361, *1906, *2065
Noe, M. J., 1317
Noer, J., (35) 669
Nofer, G. H., (37) 2176
Noguchi, H., (68) 969, (34) 1855
Norbury, F. P., (20) 1906, (95) 2124
Nordentoft, (72) 727
Norman, A. C., (111) 722
Norman, J. B., (34) 1137
Norris, G. W., (114) 154, (32) 909, (33) 969
Norris, R. C., (72) 1030
Nörstrom, G., (5) 1662
North, N. L., (30) 72
Northrup, W. P., *1132
Norton, H. G., (121) 898
Norton, J. F., *1023
Nouri, 1314
Novy, F. G., *2132
Nowicki, W., (92) 2129
Nydegger, J. A., (36) 460

O

Oakman, C. S., (51) 1506
Oastler, F. R., (33) 908
Oatman, E. L., (66, 70) 970
Oberndorfer, (65) 1778
Oberndörffer, E., (98) 1691
O'Brien, C. M., (19) 311
O'Brien, J. D., (73) 1137
O'Brien, M. C., (6) 2034
Ochsner, A. J., (32) 306, *731, (101) 1419
Ochsner, E. H., (60) 237, (52) 462
O'Connor, D. J., (27) 1420
O'Daniel, M. H., (115) 309
O'Donovan, C., (13) 459
Oeri, R., (76) 1336
Oertmann, E., (104) 1603
Oettinger, (43) 464
Oettinger, E., (37) 458
Offergeld, (36) 1222, (97) 1774
O'Hanlon, P. F., (14) 1955
Ohannessian, B., (78) 902
Ohse, L., (109) 1775, (65) 1962
Ohsner, E., *779
Oliver, C. A., (14) 1765
Oliver, E., (45) 968
Oliver, J., (10) 639
Oliver, T., (12) 542
Olmsted, L., (12) 1959
O'Neil, R. F., (54) 721
Onodi, A., (50) 901
Opie, E. L., (68) 969
Opitz, E., (75) 1554
Oppenheim, H., (46) 1060, (45) 1233
Oppenheimer, S., (125) 1230, (2) 1662
Oram, W. C., (20) 971
Orbison, T. J., (31) 306
Orendorff, O. G., *2035
Ormsby, L. H., (31) 1771
Orr, H. W., (91) 1229
Ortall, C., (118) 1965
Ortega, R., 2114
Orth, J., (88) 1060, (101) 2129
Osborne, F. E., (110) 810
Osborne, O. T., (6) 305, *1475
Osgood, R. B., (64) 2122
Osler, W., (16) 1662, (1) 1769
Osmond, A. F., *1655
v. d. Osten-Sacken, E., (64) 2043
Osterhout, W. J. V., 1406
Ostmann, (58) 313
Ostwalt, F., (14) 75
Otis, E. O., (17) 388, *2154
Otten, M., (102) 236, (66) 1774
Ottendorff, G., (79) 545
Otto, M., (96) 1318
Outten, W. B., (165) 369, (27) 1130
Ovazza, V. E., (119) 1519
Owen, E., (5) 155
Owens, H. K., (71) 1418

P

Packard, G. B., (88) 154
Paden, C. M., (42) 72, (66) 227, (113) 1519
Pagani, C., (79) 992
Page, C. G., (100) 1238
Page, H., (132) 238
Pagel, S., (9) 1331
Pahl, F. C. H., (56) 2039
Palm, H., (34) 1352
Palmer, C. D., (66) 1418, (24) 1662)
Palmer, W. H., (15) 538, (16) 1594
Pampoukis, P. S., (108, 112) 1904
Pancoast, H. K., (27) 896
Pancrazio, F., (130) 547
Pane, D., (119) 2126
Panzini, S., (105) 1883
Pantzer, H. O., (102) 2124
Papadopoulos, A., (64) 972
Parisot, C., (98) 974
Parish, H. L., (107) 1331
Parisot, J., (33) 1420
Park, R., (111) 154, (116) 722, (49) 907
Park, W. H., (74) 308, (23) 1854
Parker, F. C., (74) 462
Parker, F. J., (102) 1857
Parker, J., (109) 1091
Parker, R. (4) 541
Parker, R. H., (76) 1357
Parker, W. K. (70) 640
Parkin, A., (34) 1770
Parkinson, J. F., (34) 462
Parks, A. H., *2039
Parnall, C. G., (117) 1136, (28) 1513
Parodi, U., (110, 116) 2130
Parsche, T. W., (48) 968
Parsons, J. H., (45) 2041
Parsons, J. C., (77, (100) 1136
Pascale, G., (121) 547
Paschkis, H., (33) 241
Pasini, A., (42) 76
Pasqui-Mangeli, E., (121) 1966
Pässler, H., (92, 467, (64) 1422, (13) 2177
Passow, A., (87) 467
Pasteur, W., (10) 238
Pastine, C., (107) 1853
Patel, M., (30) 154, (38) 909
Patella, V., (127) 547
Paterson, D. R., (16) 542, (4) 806, (6) 2124
Paterson, M. S., (10) 641, (11) 899
Paterson, P., (4) 970
Pattin, H. C., (3) 1331
Patton, C. L., (50) 1228
Patton, G. F., (50) 1507
Patton, J. M., (73) 1320
Patrick, H. T., (92) 220
Paul, 1466
Paul, F. T., (25, 35) 971, (34) 1771
Paul, L. G., *1820
Paul, W. E., (33) 1768
Paulus, F., (49, 52) 1772
Pawlicki, F., (105) 1064
Pawlow, I. P., (17) 1515
Payr, K., (76) 388, (69) 466
Peak, J. H., (100) 1138
Pearce, R. M. (*768 (37) 1054, (31) 1227, (39) 1776, (30) 1854
Pearse, T. F., (8) 970
Pearson, L., (125) 1837
Pease, C. A., 2120
Pease, H. D., (31) 1227, (34) 1229
Peck, E. S., (49) 890
Peddicord, H., (96) 1330
Pedersen, J., (120) 74, (3) 1955
Pedersen, V. C., (14) 806
Pedley, T. F., (2) 1655
Pedrazzini, F., (85) 814
Pellissari, (61) 1868
Pellizzari, F., (108) 315
Pelman, (77) 313
Pelton, H. H., (7) 1511
Penkert, M., (80) 78, (86) 243
Penn, H. S., *1820
Penn, R. E., (79) 810
Pennell, W. W., (120) 898
Pensoldt, (91) 236
Peple, W. L., (88) 2122
Peppert, P., (96) 1868
Percy, J. F., (116) 970
Perekhan, J. S., (103) 1220
Perez, A., (99) 815
Perkins, I. R., (30) 154
Perkins, L. R., (122) 1139
Perman, E. S., (115) 1144
Permin, G. E., (43) 158
Perrin, (33) 1420
Perrincito, A., (112) 2130
Perroy, T., (25) 311, (42) 812
Perry, M. L., (65) 1330
Pers, A., (46) 158
Perugia, A., (60) 992
Perusini, G., (42) 1767
Peschel, (88) 1060
Pesci, E., (90) 815
Pesorico, L., (89) 159
v. Pesthy, S., (33) 1420
Peter, K., (113) 975
Peterkin, G. S., (106) 1331
Peters, (30) 2177
Peters, L., (92) 541, (34) 1572
Peters, R., (48) 901
Peterson, F., (39) 306
Peterson, O. H., (41) 240
Peterson, R., (55) 538, *1447
Petges, G., (39) 1771
Petit, G., (44) 1859
Petren, A., (76) 814
Petrill, J. W., (126) 238, (61) 1220
Peyser, M. W., 138
Peyton, T. H., (14) 1059
Pfaff, F., 1819
Pfahler, G. E., (71) 154, (76) 1418
Phangcastiel, J., (101) 80, (60) 1772
Pfeiffer, C., (75) 1962
Pfingst, A. O., (24) 1228
Pfister, C., (10) 2130
Pfister, M., (54) 1062, (39) 1422
Pfister, R., (71) 545, (96) 2129
Pforte, R., (95) 1032
Phaphanoff, 1213
Phelan, H. du B., (32) 226
Philbrick, J. C., (3) 718
Philip, R. W., (10) 1965
Phillip, C., (80) 243
Phillips, J., (96) 1138
Phillips, L. B., (8) 906
Phillips, W. H., (33) 541
Phillips, W. S., (67) 220
Piccinini, G., (98) 1883
Pick, C. V., (95) 244
Pick, A., (92) 974
Pick, L., (31) 542
Pick, W., (89) 314
Pierce, G. H., (94) 886
Pierce, R. W. C., (15) 1139
Pierpont, J. H., (25) 309
Piffard, H. G., (11) 1853
Pilcher, J. E., (38) 1136
Pilcher, L. S., (31) 72, (38) 158, (55) 809
Pillsbury, H. C., *2148
Pinard, A., (32) 1050
Pincumchn, L., (95) 1143
Pippert, H. T., (102) 1126
v. Pirquet, C., (83) 1434
Pisek, G. R., (30) 1290, *2026
Pitfield, R. L., *1192, *1918
Pithie, A. D., (17) 641
Plaut, (77) 1062
Plaut, F., (66) 2127
Plaut, M., (61) 901
Plomley, W. J., (47) 1657
Plönies, W., (39) 156
Plonske, C. J., (98) 154
Plummer, E., *1701
Plummer, H. S., (50) 1417
Plummer, S. C., (33) 151
Pochhammer, (66) 294
Pockley, F. A., (32) 724
v. Pochl, A., (35) 1431
Pogue, G. R., (3) 537, (86) 810
Poirier, P., (49) 2041
Polak-Daniel, L., (102) 315
Polano, O., (67) 1861
Pollikhoers, H. H., (26) 1956
Pollacci, G., (83) 814
Pollack, R., (98) 546
Pollak, L., (60) 2126
Pollak, E., (91) 973, (35) 1333
Pollitzer, S., (41) 1956
Pollock, F., (116) 722
Pollatschek, A., (60) 543, (34) 642
Pollosson, A., (22) 392
Polocker, I. L., (7) 71
Pomeroy, R. H., (33) 1855
Poncet, A., (50) 76, (39) 1050
Pond, A. M., (6) 1592
Pontoppidan, F., (55) 158
Pool, W. P., (83) 640
Pöppelmann, W., (63) 394, (112) 488
Porcher, W. P., (111) 1331, (77) 1768, (20) 2124
Port, F., (100) 1318
Porter, C. A., (39) 967
Porter, E. H., (45) 236
Porter, J. L., (41) 72
Porter, M. F., (64) 153, *435, (106) 2124
Porter, W., (90) 1958
Porter, W. H., (78) 1418, (119) 1857
Posey, W. C., (8) 806
Posner, H. L., (55) 1961
Post, W. G. T., (16) 1230
Postelt, A., (92) 243
Post, A., (39) 720
Post, W. C., (113) 1230, (77) 1597
Posternak, S., (46) 1139
Potain, (32) 2041
Pottenger, F. M., (81) 1330, (1) 1764, (13) 2175
Potter, E. F., (14) 1139
Potter, G. W., *263
Potter, N. B., (23) 807, *1354, *1722, *1792
Potter, T., (57) 73
Potter, T. E., (159) 74
Potter, W. W., (41) 307
Potts, B. H., *1188
Potts, C. S., (11) 387
Potts, W. A., (21) 1815
Poulsen, K., (58) 813, (28) 908
Poumeau, (66) 393, (68) 972
Poumeau, A., (70) 972
Powell, H. H., (39) 538
Powell, N. A., (36) 1959
Power, D., (3) 1857, (15) 1858
Power, J. E., *234
Power, W. B., (90) 1768
Powers, C. A., (7) 1955
Poynton, F. J., (4) 238, (19) 1509
Prag, A., (72) 813
Preble, R. B., (26) 1415, (12) 2175
Predtetschensky, W., (35) 156
Prentiss, D. W., (15) 1054
Prenty, G. W., *259
Prewitt, F. K., (92) 810
Price-Brown, J., (75) 1137, (20) 1328, (69) 2039
Price, G. P., (115) 1138
Price, F. W., (15) 310, (18) 641
Price, G. E., (36) 308
Price, J., (104) 2124
Price, T. R., 1132
Priestley, J., (11) 1058
Primavera, A., (46) 2178
Prince, A. E., (64) 1229
Prince, M., (15) 1328, (13) 1415, (85) 1769
Probst, C. O., (4) 1220, (104) 2029
Proust, R., (28) 1328
Prüssman, (30) 1328
Pryor, L., (12) 234
Pryor, J. H., (3) 387, (9) 983
Pryor, J. W., (107) 227, (1) 1662
Puckner, W. A., *1356, *1358, 1459
Puglisi, A., (96) 1883
Pulvertaft, S., (111) 315
Pünton, J., (38) 74, (81) 810, (93) 1769
Purslow, C. E., (3) 309
Pusateri, S., (113, 121) 2130
Puschmann, (74) 545, (24)
Pusey, B., *255, *2150
Putnam, C. F., (15) 1506
Putnam, H. C., (122) 2124
Putnam, J. J., (11) 1865
Putnam, J. W., (125) 1138
Putnam, W. E., *263
Putti, V., (67) 1043
Pynchon, E., (38) 72, (72) 390, (62) 1229

Q

Quackenbos, H. P., (103) 1857
Quain, E. P., (47) 1220
Quick, W., (1) 1955
Quick, F. H., (93) 309
Quill, E. H., (31) 1509
Quinby, W. C., (11) 1765
Quincke, H., (100) 1143, (76) 1669

R

Raab, L., (90) 1454
Rabinowitsch, L., (50) 313, (100) 974, (4) 2176
Rachford, B. K., (44) 1767, (20) 2036
Racine, (92) 545
Radcliffe, W. D., (154) 154
Ramsay, A. M., (12) 391
Ramsay, J., (40) 1516, (29) 1667
Ramsay, W., (101) 1138, (80) 1669
Rand, R. F., (79) 227
Randell, A. E., (43) 1687
Randell, R. M. H., (36) 443
Randolph, R. M., (18) 905
Randolph, R. L., *77, (55) 1417
Rankin, G., (4) 309
Rankin, J. C., (13) 1514
Rankin, J. T., (67) 810
Rankin, W. H., (33) 72
Ranschoff, J., (22) 967, *1177
Ransom, W. B., (8) 1058
Ranzi, E., (105) 467
Rau, C. F., (33) 2037
Rau, O., (7) 639
Raubitschek, H., (59) 241
Rauschke, (69) 1601
Rautenberg, E., (78) 1422, (85) 1961
Ravasini, C., (87) 814
Ravaut, P., (38) 76
Ravenel, M. P., (127) 238
Ravogli, A., (44) 307, (20) 719, (47) 721, (19) 1854, (79) 2039
Raw, N., (5) 896, (18) 971
Raw, T. (74) 1346
Rawlings, J. A., (94) 1959
Ray, A. M., (40) 225
Ray, T. F., *1377
Raymond, J. H., (32) 72
Raymond, F. (59) 1668
Reber, W., *870
Rebizzi, R., 1212, (54) 1883
Reclus, P., (35) 239, (41) 464
Red, S. C., (104) 725
Redard, P., (34) 642
Reddy, H. L., (3) 1857
Redlich, E., (88) 1425
Redmayne, T., (34) 239
Redpath, N. J., (25) 540
Reed, C. A. L., (7) 1857
Reed, C. B., (21) 151

V 47
1906

Reed, E. K., (69) 2055
Reed, R. C. S., (32) 1415
Rees, W. A., (16) 301
Reeve, E. A., (122) 1321
Reeve, J. S., (64) 1768
Reeve, R. A., (1) 1139
Reeves, A. E., (31) 299
Reicher, K., (37) 312
Reichmann, M., (78) 2123
Reid, G., (9) 809
Reifferscheid, K., (82) 1142
Reik, H. O., *1052
Reilly, T. F., *648
Reinecke, K., (38) 1333
Reines, S., (58) 1517
Reinhold, R., (66) 1518
Reissmann, C., (37) 1067
Remlinger, 1214
Remlinger, P., (36) 543
Renaud, G. L., (88) 541
Renault, L., (44) 404
Renaut, F. H., (29) 1420
Renon, 293
Renton, J. C., (15) 542
Rentoul, R. R., (7) 1419
Rettiger, L. F., 1466
Reuschel, F., (90) 1083
Reuss, A. V., (70) 1861
Reuterskiold, A., (75) 814, (101) 903
Reverman, A., (25) 1059
Rey, A. M., (67) 1868, (44) 1961
Reyburn, H., *1539
Reyher, P., (112) 1601
Reynier, P., (27) 311
Reynolds, E., (34) 460, *1449
Reynolds, G. H., (108) 1138
Reynolds, W., (141) 74
Rhein, J. H. W., *1705, (41) 2176
Rhein, M. L., *258
Rheinboldt, K., (25) 642, (101) 974
Rhodes, J. E., 430, (70, 90) 1685
Rhodes, O. M., (168) 970
Ribbert, H., (97) 1691, (92) 1774, (64) 1962
Ribble, Jr., W. H., (99) 2123
Rice, C. C., (2) 1955
Rich, H. M., (100) 898
Richards, G. L., (20) 640, (14) 2...
Richards, J. E., (16) 1132
Richards, W. H., (37) 2195
Richards, W. T., (74) 1229
Richardson, C. W., (28) 1328
Richardson, P. C., (21) 640
Richardson, R., (112) 154, (54) 308, (17) 639, (2) 1764
Richardson, M. H., (7, 8) 450, (18) 538, (6) 1225, (62) 1514, 1824
Richardson, W. L., (2) 1225
Richardson, W. W., (51) 153
Richartz, A., (86, 87) 545
Richartz, H., (54) 313
Richer, A. J., (100) 898
Richmond, C. F., (80) 462
Richter, (65) 313
Richter, H. M., (36) 151
Richter, K., (70) 305
Ricker, P. L., (31) 2176
Ricker, W. C., (64) 1856
Ricketts, B. M., (110) 154
Ricketts, H. T., *23, *358, *1067
Riddell, J. R., (27) 812
Ridlon, J., (21) 151
Riebold, G., (53) 901, (110) 1033, (127) 1601
Rieder, H., (88) 396, (160) 2045
Riedinger, (64) 1234
Rielander, A., (30) 1255
Ries, E., (46) 481, *1869
Riese, H., (70) 242, (59) 465
Riesmeyer, L. T., (23) 640
Rietschel, H., (105) 1691
Rigden, A. (1) 1900
Riggs, C. E., *1989
Ring, G. O., *994
Ringel, (59) 1335
Ringenberg, F. N. S., (6) 151
Rininger, E. M., (49) 1136
Rinne, F., (53) 1334
Risel, H., (97) 1518
Risley, S. D., (41) 2176
Rissmann, P., (75) 1356
Ritter, A., (118) 1603, (120) 1691
Ritter, C., (126) 975
Ritter, E., (94) 2045
Ritter, G., (57) 1062
Ritter, *683
Rittershaus, A., (76) 1422
Riva, A., (71) 644
Riva-Rocci, (96) 815
Rivers, W. C., (5) 154
Rivet, L., (45) 812
Rob, J. W., (11) 238
Robb, H., (39) 538
Robbers, (56) 394
Roberts, D., *273
Roberts, H. H., (126) 732
Roberts, J., (2) 1230
Roberts, J. B., (36) 460, (53) 800, (22) 2038
Roberts, L. M., *2159
Roberts, N., (131) 238
Roberts, W., (42) 2170
Roberts, W. H., (92) 1035, (49) 1768
Robert-Simon, (77) 972
Robertson, A., (33) 1961
Robertson, C. M., (79) 540, (101) 1230, *1725
Robertson, E. W., (35) 389
Robin, A., *1563
Robinovitch, L. G., (42) 1767
Robins, C. R., (87) 2123
Robinson, A., (2) 1139, (119) 1959
Robinson, A. R., (6) 1514
Robinson, B., (110) 74, (17) 151, (103) 237, (60) 308, (66) 309, (76) 390, (110) 1058, (15) 1226, (19) 1415, (108) 1419, (2) 2119
Robinson, G. W., (95) 1789
Robinson, R., (45) 1139
Robinson, W. J., *508, (7) 1230, *2145
Robson, A. W. M., (7) 899, (1) 2039
Roby, J., (109) 541
Rocchi, G., (102) 1963
Rochester, D., (72) 1418, *1983
Rochon, 292
Rockwell, A. D., (10) 1682
Rodari, P., (62) 1140
Rodgers, M. L., (91) 1330, *1829
Rodhe, E. E., (65) 813
Rodiger, H., (35) 1333
Rodman, W. L., (111) 154, *842, (86) 1418
Roe, J. O., (5) 2039
Roeder, H., (46) 240
Roeder, P., (67) 726
Roethlisberger, P., (38) 312
Roger, H., (30) 220, (42) 2125
Rogers, A. F., (37) 1727
Rogers, E. J. A., (94) 74
Rogers, J., *655
Rogers, J. F., (4) 1327
Rogers, J. T., (85) 897, (124) 1138
Rogers, L., (4) 154
Rogers, P. F., (42) 1228
Rolleston, J. D., (16) 155
Rollin, (47) 465
Rolls, J. A., *1737, *2002
Rolly, (64) 1335, (65) 1422, (58) 1860, (86) 2044
Romanelli, G., (42) 2178
Romberg, E., (80) 1602
Römer, P. H., (65) 1063, (46) 1421, (54) 1860
Rommel, O., (77) 1861
Ronzani, E., (67) 644
Roony, R. F., (72) 722
Roos, E., (89) 1518
Roos, L. L., (12) 71
Roos, N. B., (9) 1328
Roos, D. B. St. J., (54) 390, (2 2035
Root, E. H., (65) 154, (92) 1567
Roque, (45) 542
Rorig, (64) 796
Rosakis, (111) 1964
Rose, A., (119) 74, (20) 805, (37) 1228 (404) 2121
Rosenau, M. J., *1007, (43) 1056, (57) 1229
Rosenbach, O., (39) 312, (75) 468, (66) 1517
Rosenbaum, A., (60) 1140
Rosenberg, E., (77) 1601
Rosenberg, S., (53) 1471
Rosenberger, F., (57) 465, (80) 1774
Rosenberger, R. C., (55) 308, (95) 390, (37) 2130
Rosenfeld, G., (41) 1929
Rosenfeld, S., (99) 79, (88) 314
Rosengart, J., (95) 545
Rosenhaupt, H., (107) 1603
Rosenheim, S., (23) 1329
Rosenheim, T., (56) 465
Rosenow, E. C., (36) 1227
Rosenstern, I., (49) 643
Rosenthal, G. E., (90) 808, (62) 1685
Rosenthal, L. J., (13) 639
Rosenthal, M. I., (30) 71
Rosenwasser, M., (100) 2124
Ross, A., (120) 238, (25) 306
Ross, G. G., (88) 1418
Ross, G. W., (5) 390, (9) 2124
Ross, H., (27) 2040
Ross, H. H., (46) 1513
Ross, H. R., (21) 311
Ross, J. F. W., (12) 1857
Ross, T. S., (4) 1139
Rössler, O., (104) 1691
v. Rosthorn, A., (100) 80, *1872
Rotch, T. M., *729
Roth, A. H., *1902
Rothfuchs, R., (67) 1335, (90) 2138
Rothmann, M., (115) 1775
Rothreck, J. L., (129) 300
Rothrock, J. T., (101) 808, (133) 1139
Rothschild, 293
Rothschild, M., (49) 2038
Rothschuh, E., (103) 1691
Roth-Schulz, W., (74) 1899
Rothwell, F. D., (35) 1313
Rothwell, W. J., (91) 74
Rouget, J., (53) 1599
Routh, A., (2) 722
Roux, E., (26) 813
Rover, H. W., (98) 1220
Rovighi, A., (66) 1418, (112) 2046
Rovsing, T., (44) 158, (87) 903
Rowan, C. J., (45) 1855
Roy, T. A., (24) 719
Roy, W., (41) 393
Royet, (43) 543
Royster, H. A., *111, (80) 237
Rubow, V., (78) 727
v. Ruck, S., (2) 1853
Rucker, Jr., J. B., (39) 1684
Rudinger, C., (89) 1424
Rudloff, P., (77) 74
Rudolf, R. D., (14) 1668, (91) 1769, (70) 2039
Rudolph, W., (75) 2044
Ruediger, G. F., *1171, (34) 1227, (39) 1768
Ruffin, K., (113) 1857
Ruffin, S. S., (32) 1906
Rugh, J. T., (6) 1414, (70) 2122
Ruhemann, J., (55) 813
Rühl, (87) 78
Rühl, W., (90) 1602
Ruhs, C., (132) 975
Rülf, J., (106) 1519
Rumpf, (66) 1335
Runge, E., (54) 545, (39) 2043
Ruppel, W. G., (93) 1224
Rush, W. H., (91) 898
Russell, A. E., (14) 542
Russell, J. S. R., (8) 391
Russell, J. W., (15) 391
Russell, R. R., (44) 1516, (25) 1687, (16) 1858
Rust, C. H., (80) 1514
Rustin, F., (42) 720
Rutherford, R. W., (105) 1597, (69) 1957
v. Rutkowski, W., (82) 1802
Ryan, G. N., (70) 810
Ryan, L. A., (50) 1957
v. Rydygier, A. R. R., (77) 545, (65) 1601
Ryerson, G. S. *2051

S

Saalfeld, E., (99) 467, (54) 901
Saathoff, (99) 2128
Sabbatani, P., (74) 159
Sabrazes, J., (25) 155
Sacerdote, P., (49) 812
Sachs, (99) 1143, (117) 1691
Sachs, A., (73) 1423
Sachs, B., *1288
Sachs, H., (31) 642, (99) 1690
Sadger, J., (100) 546
Sahli, H., (109) 975
Sailer, J., (27) 466, (36) 1684
Saint-Philippe, R. (37) 464
Saito, S., (109) 2045
Salaghi, S., (44) 393
Salant, W., *765, *1467
Salge, B., (57) 1140
Saligrat, L., (23) 311
Salmon, A., (45) 293
Salto, S., (77) 1689
Salus, G., (57) 241, (82) 1424
Salvendi, H., (46) 1233
Sampson, J. A., (22) 1512
Samuely, F., (34) 1420
Sanders, C. A., (109) 1419
Sanderson, S. F., (114) 309, (44) 806
Sandusky, C. M., (108) 1597
Sanes, K. I., (36) 1136
Sanfelice, F., (75) 902
Sanger, (59) 725
Santa Maria, A., (97) 815
Santini, A., (100) 244
Sappington, S. W., (33) 2037
Sarcinelli, F., (77) 902
Sargent, D. A., (42) 1567
Sargent, P. W. G., (22) 2040
Sarvonat, F., (44) 543
Sarwey, O., (84) 972, (84) 1602
Sasaki, K., (36) 312
Sauerbruch, F., (127) 975
Saundby, R., (1) 74, (25) 463, (1) 1685
Saunders, F. W., (90) 1769
Saunders, W. H., (103) 1419
Savage, G. C., *2153
Savariaud, M., (21) 642, (36) 900
Savill, A. F., (18) 463
Sawtelle, H. W., (88) 1857
Sawyer, P. E., (80) 2039
Sawyer, W. B., (53) 1788
Scallon, J. E., (96) 810
Scannell, D. D., (9) 1853
Schabort, T. I. P., (80) 1235
Schachner, A., (18) 151
Schadle, J. E., (5) 906, (124) 1230
Schaefer, F., (64) 2043
Schäfer, E. A., 577
Schamberg, J. F., (143) 74, (41) 730
Scharl, P., (80) 1602
Schatz, (47) 901
Scheib, A., (100, 101) 1774, (73) 2127
Scheibe, A., (29) 643, (102) 2039
Scheinpflug, M., (106) 467
Schell, W., (106) 154
Schellenberg, G., (94) 79
Schenck, B. R., (68) 640
Scherck, H. J., *506, (19) 807
Scherer, S. P., (107) 154
Schickele, (37) 643
Schiefferdecker, P., (55) 465
Schiff, E., (77) 2127
Schilling, T., (63) 736, (61) 1861
Schindler, C., (57) 725
Schirmer, K. H., (52) 1062
Schirmer, O., (65) 242, (130) 975
Schittenhelm, A., (160) 1143
Schlagenhaufer, (96) 1774
Schlapp, M., (87) 1419
Schläpfer, V., (34) 2177
Schlasberg, H. I., (91) 903
Schlecter, R., (32, 33) 2176
Schleich, G., (86) 1602
Schleip, K., (94) 1518
Schlesinger, (29) 1771
Schlesinger, A., (52) 313, (68) 2127
Schlesinger, E., (45) 1060, (52) 1334
Schlesinger, H., (56) 1335
Schlesselmann, J. T., (82) 1514
Schloessmann, H., (83) 1802
Schlimpert, H., (64) 544
Schlossmann, A., (51) 725
Schlotterbeck, O., (91) 309, *1392
Schmaus, H., (66) 77
Schmidlechner, K., (58) 77, (97) 315
Schmidt, A., (49) 240, (60) 971, (57) 1422, (119) 1691
Schmidt, C. H., (27) 1854
Schmidt, H., (45) 312
Schmidt, K., (72) 2127
Schmidt, O., (31) 2215
Schmidt, W. W., (90) 1602
Schmieden, H., (68) 394
Schmieden, V., (99) 1603
Schmincke, A., (89) 1774
Schmitt, J. A., (13) 387
Schmitz, F., (58) 1066
Schmoll, E., (63) 1422
Schneideman, T. B., (52) 1957
Schoedel, J., (75) 2127
Schernjahn, W. C., (81) 1768, (60) 1856
Schofield, A. T., (8) 1419
Scholz, F., (100) 396, (84) 1774
Scholz, W., (111) 1775
Schorer, (60) 1053
Schorer, E. H., (29) 806
Schossberger, A., (34) 156
Schrager, V. L., (37, 46) 1855
Schreiber, E., (76) 1963
Schröder, (72) 973
Schröder, M., (85) 1518
Schroeder, W., (49) 640, (85) 1330
Schroeder, W. E., (30) 151
Schuberg, A., (31) 2177
Schubert, G., (60) 1963
Schueller, M., (28) 807
Schuldt, F. C., (14) 2176
Schüle, (87) 1518
Schulenburg, W., (111) 975
Schultze, E., (132) 975
Schultze, F., (67) 466
Schultze, K., (57) 1335
Schultze, W. H., (125) 1691
Schulz, A., (63) 544
Schulz, H., (117) 975
Schulze, W., (66) 1691
Schuman, E. A., (94) 390, (38) 808
Schuster, L., (105) 546
Schutte, P., (75) 1773
Schütz, J., 557
Schwab, M., (86) 1142
Schwab, S. I., (108) 309
Schwarz, H., (97) 1920
Schweizer, R., (104) 1964
Schwyzer, G., (82) 897
Scott, D. W., (93) 722
Scott, H. T., (78) 810
Scott, J. W., (102, 103) 722
Scott, N. S., (103) 2124
Scott, W., (6) 1351
Scudder, C. L., *19
Seaman, L. L., (11) 1226
Sears, G. G., (17) 1956, (6) 2175
Sears, M. H., (70) 1958
Sedgwick, J. P., (52) 1417
Seegert, P., (74) 1336
Seechel, T., (117) 547
Seelig, M. G., (35) 460, (94) 1765, (23) 1956, (23) 2036, (94) 2120, (2) 2174
Seeligmann, L., (56) 313, (81) 467, (82) 1518
Segale, M., (120) 547
Seiber, N., (67) 313
Seitz, L., (93) 2138
Selberg, F., (90) 243
Selby, C. D., *1485
Selheim, H., (83) 78, (38) 240
Selling, T., (84, 85) 396

Sälter, P., (67) 1063
Semple, J. M., (67) 1058
Senator, H., (40) 392
Senator, M., (45) 724
Seneguieff, G., (37) 251
Senn, N., *141, *225, *297, *331, *960, *1050, *1098, *1217
Senseman, T., (100) 1330
Sequeira, J. H., (4) 641
Sera, J. D., (91) 1058
Serafini, G., (84) 814, (33) 2178
Sergent, E., (48) 971, (51) 1309
Setti, G., (102) 815
Sewall, H., 1279
Sexton, L., (126) 306, (39) 1397, (95) 1857
Sforza, C., (37) 139, (108) 546
Shackelton, W. W., (19) 1230
Shaller, J. M., (74) 1058
Shanbaugh, G. E., (77) 540
Shangle, M. A., (142) 74
Shannon, L. W., (133) 309
Sharkey, S. J., (29) 1960
Sharp, W. N., (60) 73
Sharples, C. W., (56) 540, (45) 806
Shastid, T. H., (46) 896
Shattuck, F. C., (14) 71, (96) 808, (4) 1225
Shaw, E. A., (23) 76, (24) 543
Shaw, F. C. S., (44) 1687
Shaw, T. C., (4) 78, (8) 238
Shaw, T. P., (11) 1508
Shaw, W. E., (20) 388, (70) 1514
Shedd, P. W., (78) 1514
Sheen, C., (14) 310
Sheffield, H. R., (7) 1054
Sheill, J. S., (6) 1058
Shekwana, P., (16) 2120
Sheldon, W. D., (123) 808
Sheldon, J. G., *1458, (4) 1503, (26) 2036
Shelly, E. T., (115) 808
Shelmire, J. S., (83) 309
Shenton, E. W. H., (17) 1220
Shepherd, F. J., *855, (32) 967, (10) 1959
Sherrill, E. S., (114) 237
Sherrill, J. G., (118) 309, (95) 1959
Shields, J. M., (115) 1220
Shiga, K., (62) 462
Shoemaker, G. E., *1917
Shoemaker, J. V., (149) 74, (5) 151, (5) 557, (87) 1126, *1147, (9) 1692, (3) 1764
Shoemaker, W. T., (69) 462, (81) 1685
Schoengut, S., (89) 2044
Schoppler, H., (103) 2045
Scoord, E. R., (30) 2036
Sharpe, N. W., (31) 2036
Shoop, F. J., (57) 1856
Short, J. DeB., (107) 541
Short, W. R., (11) 723
Shoyer, M., (114) 74
Shrubsall, F. C., (10) 641
Shumway, E. A., *329, (38) 2176
Shurly, E. L., (47) 646, (11) 805
Shute, D. K., (6) 718, (15) 806
Shuttleworth, C. B., (6) 1959
Sichel, G., (78) 1198, (73) 1768
Sick, K., (59) 2126
Siebert, C., (57) 725
Siegel, E., (78) 242
Siegfried, M., (32) 465
Sieveking, H., (105) 974
Sight, H. P., (12) 566, (112) 1138
Signorelli, A., (108) 1863
Sigworth, H., (83) 1597
Sikora, P., (31) 1420
Silbergleit, H., (93) 1963
Silfverskiöld, P. (99) 908
Sill, J. (77) 1058, (48) 1506
Silvestri, T., (110) 546, (98) 815, (90) 1865
Simmonds, M., (107) 1143
Simmons, G. H., (90) 970
Simon, C. E., (22) 1415, *1737
Simon, F., (61) 1902
Simon, S., (108) 227
Simon, A., (38) 156, (61) 2136
Simons, J. E., (84) 309
Simons, M., (110) 1331
Simpson, C. E., (95) 309
Simpson, F. D., (17) 1220
Simpson, G. S., (13) 811
Simrock, K., (78) 467
Sinclair, R., (8) 542
Singer, J., (22) 1765
Sinkler, W., *1337, (54) 1768
Sippel, A., (72) 1425, (91) 1602
Sisto, P., (111) 2130
Sittler, P., (77) 466, (74) 1773, (55) 1860
Sitzenfrey, A., (77) 1336
Skinner, C. E., *1541
Skinner, E. H., (128) 541
Skoldowski, J., (63) 1062
Skoog, A. L., *1821
Skultetchi, E., (89) 815
Slick, B. B., (76) 1958
Slocum, H. A., (12) 805
Sluder, G., (56) 1137
Sluka, F., (101) 467
Sluss, J. W., (56) 73
Smaie, M. A., (17) 1328
Smart, D., (17) 971
Smart, J. H., (42) 1417
Smith, A. H. R., (95) 79
Smith, 608
Smith, A. E., (71) 1958
Smith, A. L., (42) 538, (33) 1055, (118) 1959
Smith, A. L. H., (17) 541
Smith, C. A., (65) 73, *1606
Smith, C. M., (47) 1688
Smith, D., (77) 970
Smith, D. L., (16) 310
Smith, E., (5, 117) 74
Smith, E. E., (121) 2124
Smith, E., Jr. (95) 154
Smith, F. B., (15) 721
Smith, E. O., (25) 640, (21) 2120
Smith, E. T., (26) 724
Smith, F., (42) 1509
Smith, F. J., (9) 1685
Smith, F. P., (17) 541
Smith, G. S., (98) 1138
Smith, H., (5) 153, (19) 155, (32) 1128, (22) 1515, (34) 1859
Smith, H. E., (93) 1957
Smith, O. C., (55) 721
Smith, R. J., (95) 810
Smith, R. M., (68) 1058
Smith, R. R., (44) 538
Smith, S. M., (62) 206, (86) 1685
Smith, S. W., (57) 1957
Smith, T. F., (67) 73
Smith, W. A., (40) 1135
Smith, W. D., (81) 970
Smith, W. T., (66) 1597
Smithwhaite, H., (9) 2039
Smythe, F. D., (50) 1855
Snave, H., (57) 236, (85) 1958
Snow, W. B., (87) 1229
Snyder, W. H., (48) 721
Solland, A., (90) 1330
Solenberger, A. R., (12) 1054, (25) 1228
Solger, F. B., (56) 1772
Solis-Cohen, S., *265
Solley, J. R., (28) 1854
Soller, P. E., (41) 1061
Solly, S. E., (84) 810
Solmersitz, F., (68) 1422
Somers, H., (48) 2038
Somers, L. S., (37) 72, (41) 389, *741
Somerset, W. L., (17) 1853
Sommer, (54) 1334, (79) 2044
Sommerville, D., (18) 1770
Sondern, E., (50) 390, (65) 640, (10) 2175
Sonnenburg, E., (106) 975
Sonneville, P., (37) 1139
Sorensen, (56) 138
Sorensen, L., (53) 158
Sorgo, J., (80) 314
Sormani, B. P., (95) 236, (80) 1774
Sorrentino, F., (109) 1863
Sotherton, C., (28) 234
Souchanoff, S., (43) 393
Southard, E. E., *1271
Southard, J. D., *212
Souther, C. T., (19) 1304
Souther, J. B., (123) 722
Southworth, T. S., (61) 236, (64) 540, *1083
Soutter, R., (66) 2122
Spaether, L., (47) 1223
Spaether, J., (87) 1063
Spagnolio, G., (80) 902
Spear, E. D., (17) 305
Spears, P., (119) 309
Specht, O., (56) 77
Speese, J., (43) 72
Spelman, J. F., (71) 1038
Spemann, H., (65) 1772
Spencer, A. C., 1735
Speroni, D., (81) 395
Spiess, C., (80) 1963
Spicer, W. F., (79) 1058
Spiegel, O., (38) 1420
Spieler, F., (71) 1063
Spielmeyer, W., (65) 1335
Spiller, W. G., (1) 887, *970, *744, *840, (76) 897, *923, (7) 1397, (35) 1684, (10, 45) 1685
Spisharny, J. R., (78) 1141
Spivak, C. D., (99) 237, (87) 810, (4) 894, (8) 1764, (40) 2176
Sprague, F. B., (21) 1328, (16) 1415
Sprague, J. S., (29) 719, (104) 1597
Spratling, W. P., (8) 224, (30) 967, (57) 1768
Spratt, C. S., *37, (56) 153
Springthorpe, J. W., (23) 724
Squier, J. B., (3) 1511
Squire, J. E., (5) 541
Starcy, H. S., (37) 1516
Stalberg, K., (97) 902
Standish, M., (96) 970
Stanton, S. C., (65) 897
Staples, H. L., (90) 1514
Stark, H. S., (1) 1502
Stark, S., (19) 71
Starkey, T. A., (33) 306, (9) 1220
Starling, H. J., (14) 1419
Starr, C. L., (6) 1508
Starr, M. A., *926
Stäubli, C., (83) 396
Stander, A., (130) 1691
Stavell, R. B., (45) 1516, (26) 1687
St. Clair, C. T., (86) 1138
Stedman, H. R., (75) 897
Steele, A. J., (69) 2122
Steele, H. W., *1405
Steele, J. D., (68) 154, (98) 390, *956, (46) 640, (49) 1957
Stein, A. E., (106) 1602
Stein, O. J., (24) 720
Stein, R., (18) 1853
Steiner, L., (124) 1602
Steiner, W. R., (18) 640, (90) 1597
Steinert, H., (121) 1691
Stembo, L., (55) 1772
Stemen, C. B., (106) 74
Stemmler, (41) 1060
St. Engel, (51) 725
Stengel, A., (7) 1685, (47) 1957
Stephani, E. (74) 2127
Stephens, G. A., (7) 541
Stephens, H. D., (30) 392
Stephens, J. W. W., (17) 899, (35) 1859
Stephens, T. G., (103) 1138
Stephenson, S., (11) 811, (21) 1594
Stern, H., (111) 309, (2) 1134, *1621
Stern, W. G., (19) 1055, (46) 2038
Sternberg, C. D., (125) 810
Sternberg, W., (58) 725, (106) 1775
Stetten, De W., (12) 1682
Steven, J. L., (25) 812, (13) 1139
Stevens, A. J., (22) 1139
Stevens, E. W., (96) 74, (122) 541
Stevens, G. T., *175
Stevens, J. F., (61) 2122
Stevens, J. W., (2) 718
Stevenson, H., (7) 722
Stevenson, M. D., (70) 807, (53) 1957
Steward, F. , (32) 1771
Stewart, 139
Stewart, D. H., (97) 1058
Stewart, F. E., (11) 2124
Stewart, F. T., (45) 2121
Stewart, J., (17) 1959
Stewart, J. L., (104) 810
Stewart, J. C., (53) 1057
Stewart, J. E. F., (40) 1687
Stewart, R. W., (42) 808
Stewart, T. G., (19) 1856
Stickle, C. W., (39) 1330
Stickel, M., (61) 1600
Sticker, A., (102) 1519, (73) 1963
Stieda, A., (82) 1063
Stiel, (48) 312
Stieren, E., (76) 154 (23) 1594
Stiles, C. W., (50) 1057
Stiles, H. J., (14) 1508
Still, F. (2, 6) 641
Stillman, F. L., (30) 1328, (45) 2038
Stirling, R. A., (29) 724
Stites, F. M., (4) 2119
Stitt, E. R., (64) 462
Stivers, J. R., (39) 1856
St. John, D., (126) 1139
Stock, P. G., (18) 1419
Stocker, F., (78) 970
Stocker, W. (44) 1421
Stockman, R., (2) 2124
Stockton, G., (73) 1058
Stoddard, B. B., (94) 1597
Stoeltzner, W., (64) 1063, (56) 1860
Stokes, A. C., (109) 810
Stoll, H. F., (3) 966
Stolper, L., (80) 1629
Stone, R. H., (65) 1856
Stone, H. H., (117) 1331
Stone, I. S., (32, 34, 35, 37, 40) 235, (125) 808
Stone, S., (38) 538, (4) 639
Stookey, C. G., (92) 2039
Stookey, L. B., (50) 153
Stout, P. S., (44) 640
v. Stouts, W., (69) 1422
Stover, C. H., (160) 154, (104) 237, (7) 806
Stow, B., (40) 153, (43) 1595
Stowe, H. M., (27) 151
Strandell, W. L., (21) 1236
Strader, G. L., (62) 1957
Strasburger, J., (70) 1773
Strasser, A., (50) 240
Strasser, A. A., (127) 1139
Strassmann, F., (65) 314
Stratten, R. R., *1271
Strauch, A., (45) 1956
Strauss, A., (92) 243, (60) 465
Strehntz, F., (104) 467
Strodl, G. T., (12) 1594
Strohe, H., (62) 313
Strong, R. P., (63) 462
Strong, T. J., (180) 154
Strout, E. S., (51) 1417
Strübing, (60) 1224
Strubing, P., (124) 975
Struthers, J. W., (25) 3040
Stuart, C. S., 1579
Stuart-Low, W., (25) 1770
v. Stubenrauch, L., (93) 1063, (116) 1605, (66) 2043
Stucky, J. A., (54) 1057, (4) 1955
Stucky, W. F., (93) 1514
Studer, T. P., (74) 970
Stuffer, W. H. (92) 154
Stumm, T. W., (82) 1958
Stumpfs, 2113
Stuver, E., (90) 74, (66) 1418
Suchstorff, (74) 74
Sudeck, P., (95) 2045
Sudhoff, K., (122) 1691
Suess, E., (80) 314
Sulton, G., (73) 545
Summers, J. E., (62) 2039
Sumner, G. H., (71) 810
Sundy, P. H., (65) 810
Sutcliffe, W. G., (17) 1139
Sutherland, F. E., (102) 1419
Sutherland, H. L., (103) 1059, (82) 1857
Sutherland, M. H., (114) 1138
Sutherland, W. D. (33) 243
Sutter, H., (77) 1517, (83) 2128
Sutton, H. T., (49) 721
Suzuki, S., (86) 1857
Swan, W. H., (61) 1418
Sweet, J. E., (65) 809
Sweet, W. M., *770, (67) 897
Swenson, E., (64) 2043
Swinburne, G. K., (36) 1767
Swoope, S. J. (119) 1220
Syers, H. W., (13) 641, (20) 1332
Syme, W. S., (35) 1687
Symes, W. L., (34) 1961
Symmers, D., (47) 1057, (7) 1685
v. Szathy, J., (40) 1060
v. Szontagh, F., (70) 1063

T

Taakbe, E. F., (65) 308
v. Tabora, D., (42) 1223
Tadiel, D., (111) 1519
Tait, W. C., *1557
Takahatake, (100, 101) 2039
Takaki, K., (33) 543, (1) 894
Talbot, E. S., *263
Talley, J. E., *730
Talma, S., (42) 724
Tamicsie, J. P., (127) 810
Tanberg, A., (126) 1666
Tanquary, J. H., (89) 1958
Tansard, A., (71) 972
Tansini, I., (113) 315, (74) 902, (38) 1752
Taplin, A. B., (42) 971
v. Tappeiner, H., (89) 243, (49) 1333, (80) 2044
Tate, M. A., (70) 1597
Tatenuburo, (73) 74
Tausig, A. S., (92) 74
Tausig, F. J., (23) 1512, (101) 1959
Tauzz, B., (49) 724
Travel, E., (66) 1141
Taylor, C., (10) 310, *1406
Taylor, A. N., (100) 810
Taylor, A. S., *2091
Taylor, E. W., (52) 73
Taylor, F. E., (21) 229, (7) 1058
Taylor, H., (17) 1419
Taylor, H. N., (121) 74
Taylor, J., (26) 463
Taylor, J. C., (3) 1853
Taylor, J. M., (7) 305, (11) 537, *1551
Taylor, L. C., (32) 1685
Taylor, M. R., (83) 1330
Taylor, P. R., (117) 309
Taylor, R. T., (6) 234, (88) 722, (72) 2122
Taylor, R. W., (82) 1229, (7) 1514, (70) 1855
Taylor, S., (5) 238, (30) 971
Taylor, W. J., (25) 987
Taylor-Jones, L., (20) 640, (127) 1230
Tchitchkine, A., (53) 971
Teale, T. P., (95) 1508
Tedeschi, E., (94) 1803
Telford, E., (6) 808
Telford, E. D., (23) 2040
Temi, C., (23) 812
Terrier, F., (29) 156, (22) 900, (53) 2042
Terry, M. O., (105) 1058
Tersen, A., (85) 1685
Tertz, A., (100) 315
Thalwitzer, F., (64) 1861
Thaon, P., (32) 239
Thayer, W. S., *1352
Theard, S. L., (98, 97) 1857
Thebaud, A. J., (9) 1139
Theilhaber, A., (57) 77, (62) 726
Theisen, C. F., (119) 1419
Theodor, F., (98) 79
Thérencz, L., (54) 2042
Thilberge, G., (36, 40) 76
Thiele, (116) 975
Thierry, E., (86) 311
Thiéry, P. (35) 1059
Thies, (123) 1603
Thies, J., (82) 78, (88) 1142
Thiriar, J., (36) 1059

V 47
1906

Thirouy, (27) 239, (56) 1509
Thistle, W. B., (8) 1685
Thoma, F., (117) 722
Thoma, R., (99) 2139
Thomas, W., (63) 810
Thomas, H. W., (30¼) 1139
Thomas, J. J., (26) 538
Thomas, J. L., (6¼) 1959
Thomas, L., (132) 338
Thomas, L. A., (69) 810
Thomas, O. T., (24) 528
Thomas, T., (28) 971
Thomason, H. D., (60) 807
Thompson, A. H., (3) 641
Thompson, F. D., (59) 968
Thompson, G. F., (48) 1855
Thompson, H. H., *2002
Thompson, J. A., (15) 1059, (32) 1516, (38) 2125
Thompson, M. G., (69) 1230
Thompson, R. L., (62) 969
Thompson, W., (18) 2024
Thompson, W. G., (4) 2174
Thomsen, O., (54) 136
Thomson, E., (28) 812
Thomson, E. S., *2002
Thomson, H., (61) 78, (56) 1234
Thomson, H. C., (24) 463, (36) 1859
Thomson, J. J., (4) 566, (80) 1058
Thomson, St. C., (8) 210, (31) 463, (55) 1419, (5) 2020
Thomson, W., (3) 462, (37) 900
Throne, B., (23) 1854
Thorbecke, K., (86) 2128
Thorel, C., (73) 1325
Thorington, C., 1238
Thornburgh, R. M., (51) 806
Thorne, W. S., (74) 722
Thornhill, F. M., (25) 713
Thornton, C. G., (70) 721
Thrasher, A. B., (32) 1329
Thresh, J. C., (s. 72, (15) 1139, (24) 1960
Thrush, M. C., (22) 1236
Thue, H., (120) 1966
Thursfield, H., (31) 1515
Tibbits, W., (30) 543
Tiedemann, E., (15) 2177
Tieken, T., (37) 1005
Tileston, W., (16) 305, (29) 807
Tilley, H., (11) 2020
Tillias, (64) 1772
Tillman, J., (74) 814
Tinkham, H. C., (99) 970
Tintemann, (68) 1962
Tischler, (86) 1424
Tixier, 202
Tizzoni, G., (115) 547, (92) 815, (32) 1500, (88) 1863, (122) 1465
Tobey, E. N., (38, 40) 1056
Tobin, R. F., (38) 2014
Tobler, L., *1667, 1962
Toby, W. D., (81) 807
Tocher, 607
Todd, J. C., (78) 1958
Todd, J. C., (67) 74, (101) 541, (87) 1230, (78) 1958
Todd, J. L., (10) 391
Tognetti, A., (94) 815
Tolot, G., (44) 542
Tomaschewski, (74) 1141
Tomaszewski, E., (108) 1142
Tomlinson, H. A., *1238
Tomlinson, J., (44) 380
Toorood, S. K., (10) 1230
Torbett, J. W., (124) 300
v. Torday, F., (86) 78, (50) 1860
Torek, F., (1) 2035
Torki, B., (80) 1967
Torrey, J. C., (34) 1056
Totman, D. M., (37) 307
Toussint, H., (31) 156
Tracy, E. A., (11) 966
Tracy, S. E., (15) 1514
Trapani, P., (60) 150
Trantman, G., (57) 1772, (17) 2177
Trautmann, H., (52) 1421
Travers, H. T., (39) 392
Travers, F. T., (11) 1250
Trendelenburg, F., *81, (57) 800
Treplin, (52) 79
Tresh, H., (27) 1059
Treupel, G., (44) 1518
Treutlein, A., (74) 466, (86) 1962
Trevithick, E., (19) 541
Trib, M., (23) 76
Troitzky, I. V., 281
Trommer, E., (127) 722
Tromp, F., (77) 1773
Trotter, D. H., (73) 280
Trudeau, E. L., (29) 807
Tsamalis, (111) 1964
Tubby, A. H., (2) 154
Tucker, A. F., (59) 73
Tucker, E. F. G., (29) 1139
Tuffey, F. R., (119) 154
Tuffier, T., *2182
Tuley, H. E., (29) 1956
Tulloch, F. M. G., (25) 800
Tumminia, P., (44) 2178
Tunis, J. P., (29) 306
Tupper, E. D., (76) 1768
Turan, F., (61) 1224
Tureman, H. G., (98) 1789
Turner, A. J., (29) 392
Turner, A. L., (22) 2124
Turner, D., (5) 641
Turner, H. G., (17) 1959
Turner, J. S., (28) 1417
Turton, E., (14) 1170
Tuszki, O., (42) 1060
Tuttle, J. P., *230
Tweedy, E. H., (12) 1059, (36) 1420
Twitchell, D. C., (24) 807, (35) 1505
Tyndale, W. R., (57) 1513
Tyrrell, J. R., (11) 639
Tyson, J., (85) 74, (s) 1957
Tyzzer, E. E., (75) 237, *1237

U

Uffenheimer, A., (32) 240, (42) 645, (139) 1963, (54) 1969
Ufenrode, W., (80) 1063
Uhlenhuth, (120) 975
Ulrich, G. A., (36) 2120, (42) 2121
Uhls, L. L., (67) 1339
Ullmann, K., (55) 543
Ulrici, H., (69) 1423
Umber, (51) 645
Umber, F., (84) 467
Unger, D. F., (35) 970
Ungerr, J. W., (112) 722
Uns, F. G., (95) 215
Unruh, (66) 1772
Upham, J. H. J., (19) 966
Upson, H. S., *1719
Utley, J. H., (46) 153, (131) 541

V

Vaccari, A., (85) 1235
Vail, H. T., (36) 1238, (80) 1685
Vaillard, L., (46) 971
Valdanis, G., (112) 1519
Vale, F. P., (29) 1854
Valentine, F. C., (54) 721
Valk, F., (125) 1, *465
van Amstel, D. P., (28) 393
Van Boskirk, E. M., (51) 1230
Vance, A. P. M., (84) 1330
Van der Bogert, F., *2018
Vanderhead, D. A., *1561
Vanderslice, J. W., (77) 390, (34) 806
Vander Veer, A., (121) 238, (29) 967, *1290, (7) 1414
Vandervort, (75) 1063
Van Elk, 708
Van Epps, C., (107) 1230
Van Fleet, F., (89) 1514
Van Harlingen, A., (78) 720
Van Hook, W. (23) 154
Van Meter, S. D., *37, (86) 970
van Rooijen, P. H., (105) 1519
Vansteenenberghe, P., (37) 1139
Van Wart, F. P. (33) 640
Vanzetti, F., (110) 2130
Varlamidis, C., (111) 1964
Vassel, J. J., (45) 971
Vaughan, G. C., (58, 59) 235, (64) 807
Vaughan, V. C. (7) 895, (15) 967, (1) 1054
Vedeler, (142) 1966
Vellhagen, (13) 1476
v. Velits, D., (60) 1959
Velrich, A., (90) 1774
Venema, T. A., (44) 1233
Verco, J. C., (23) 1540
Verth, (82) 345
Vestberg, E., (111) 1143
Veyrèmi, D., (68) 306, (83) 1774
Viereck, (69) 1335
Vicentini, F., (65) 1057
Victor, A. C., (19) 643, (17) 719
Vignoli, A., (70) 159
Villa, F., 137
Vincent, R., (12) 1208
Vincent, S., (9) 811, (14) 809
Vincenzi, L., (66) 544
Vineberg, H. N., (3) 71
Vinsudge, W. W., (108) 154
Violet, H., (22) 305
Visentini, C., (113) 546
Vitry, G., (24) 293, (42) 1961
Vocke, (133) 1691
Voeckler, (76) 545, (79) 1963
Vogel, J., (47) 312
Vogeler, W. J., (46) 1957
Vogelius, F., (70) 727
Vogt, W. H., (99) 1959
Voisin, R., (50) 1139
Völker, W., (64) 2182
Voorsanger, W. C., (32) 1395
Vorpahl, K., (34) 1767
Vörner, H., (124) 1963, (50, 54) 1772
Voyles, V. A., (86) 1597
Vulliet, H., (49) 1860
Vulpius, O., (81) 1424, (48) 1961

W

Wadsworth, A., (30) 1227, (31) 1766
Wadsworth, R. C., (34) 460
Waelsch, L., (97) 2045
Wagner, E. R., (105) 1331
Wagner, H. L., (71) 200
Wahrer, C. F., *760
Wainwright, J. M., (126) 74
Wains, G. C., (76) 237, (55) 462
Waite, L., (2) 466, (107) 1058, (106) 1419, (105) 1959
Waldo, R., (61) 1768
Waljaschko, O., (91) 2128
Walker, C. E., (12) 899
Walker, E., (94) 1058, (108) 2124
Walker, E. E., (4) 1414
Walker, F. B., (37) 462
Walker, H. O., (49) 2121
Walker, J. E., (74) 1837
Walker, J. T. A., (18) 1770
Walker, J. W., (26) 1139
Walker, J. W. T., (15) 811, (10) 1058
Walker, N., (2) 1514, (1) 2124
Walker, R. E., (41) 1136
Wallace, C., (6) 2119
Wallace, C. H., (41) 640
Wallace, D., (21) 463
Wallace, J. W., (9) 1857
Wallace, S. S., (35) 695
Wallich, V., (26) 1333
Wallin, K. A., (115) 1864
Wallis, F. C., (5) 462
Walmsley, D. L., (97) 209
Walscheid, A. J., (47) 968
Walsh, J. E., (91) 722
Walsh, J., (56) 1417
Walsh, J. J., (30) 153, (36) *288, (103) 810, (47) 1057, (89) 1229, (80) 1418, (62) 1768, (124) 2124
Walsh, J. L., (30) 1035
Walter, J. H., (42) 1595
Walton, G. L., *1241, *1324, (53) 1768
Walz, K., (38) 645
Ward, E., (14) 391
Ward, G. G., Jr., (34) 808
Ward, S. B., (61) 1856
Ward, W. D., (39) 808, (21) 1765
Ward, W. W., (77) 722
Wardrop, D., (27) 76
Ware, M., (125) 238, (34) 306, (129) 2124
Warfield, L. M., (17) 538, (21) 1415, (98) 1959
Warner, F. M., (66) 640
Warren, J. C., (1) 1225, (8) 1853
Warren, S. P., (27) 1055
Warrington, W. B., (24) 971, (29) 2041
Washburn, F. H., (53) 208
Washburn, H. C., (54) 640
Wassermann, A., (88) 79, (66) 2127
Wassmuth, A., (56) 2126
Wasson, W. L., (66) 1856
Waterhouse, R., (28) 1960
Waterman, G. A., (16) 719
Waters, D., (105) 74
Wathen, J. R., (116) 300
Wathen, W. H., (108) 2020
Watkins, I. L., (23) 234
Watkins, T. J., (25) 151
Watson, D. C., (11) 542
Watson, J. A., (73) 1085
Watson, J. B., (20) 463, (14) 971
Watson, J. J., (94) 541
Watson, M., (30) 392
Watson, W. T., *1909
Waugh, G. A., (9) 1419
Waugh, W. F., (4) 71, (54) 806, (102) 1230, (59) 1230, (20) 1415, *1479, (44) 1513, (78) 1597
Weaver, P., (63) 153
Webb, G. B., (11) 151
Weber, F. P., (28) 2125
Weber, S., (122, 123) 975
Weber, S. E., (16) 1682
Webster, G. D., *357, (119) 970
Webster, J. C., (44) 461, (39, 40, 41, 42) 1855
Webster, R. W., (93) 2123
Wederhake, (68) 1517
Wederhake, K. A., (92) 1692
Weeks, J. E., *224
Weeks, L. C., (122) 1138
Weichardt, W., (76) 313, (64) 1517, (124) 1961
Weil, E., (36) 643
Weinberg, (110, 116) 468
Weinberg, J., (105) 1692
Weinberg, W., (29) 1421, (92) 1494
Weinbrenner, C., (93) 1692
Weindler, F., (62) 77
Weinrich, M., (51) 901
Weinstein, A., (101) 2045
Weinstein, E., (46) 1233
Weinstein, E. M., (76) 1604
Weinstein, H., (10) 966
Weir, W. H., (29) 538
Weiss, 1967
Weischer, A., (70) 1141
Weisenburg, T. H., (45) 72, (76) 807, (8) 1414, (34) 1416
Weiser, W. R., (57) 1683
Weldhart, (64) 315
Weiss, E., (97) 974
Welch, J. E., (23) 2176
Welch, J. S., (69) 1958, (50) 2122
Welch, W. H., (115) 810, (14) 1228, (88) 1507, (119) 2124
Welford, A. B., (8) 1959
Wellman, F. C., (13) 71, (94) 390, (21) 543, (53) 725, (32) 1961
Wells, E. F., (55) 1685
Wells, F., (111) 237
Wells, J. E., (120) 1231
Wells, J. M., (100) 1058
Wells, H. G., (41) 1056, (45) 1855
Wells, H. P., (93) 154
Wells, W. H., (14) 1682
Welsh, D. A., (17) 1059, (34) 1516
Weitz, C. F., (66) 200, *2052
Wende, G. W., (38) 1767
Wendel, (67) 1141
Wendel, W., (117) 1603
Wennagel, E., (62) 1422
Wenzel, F., (72) 1773
Werder, X. O., (109) 2124
Wercklus, A., (36) 151
Werner, R., (93) 1691
Wesbrook, F. F., (123) 154, (87) 1760
Wesenberg, G., (100) 467
Wessel, C., (105) 2125
Wessinger, A., (29) 460
West, H. H., (102) 1331
West, S., (3) 238
Westcott, T. S., (65) 540, (28) 806
Westenhoeffer, M., (80) 1692
Westermark, F., (63) 813
Westphal, (62) 1234, (30) 1233
Wethered, F. J., (1) 808, (21) 1686, (15) 1759
Wetherell, H. E., 380
Wetherill, H. G., (65) 1418, (48) 1685
Wette, T., (74) 1423
Weyl, T., (72) 1601
Wharton, L., (42) 1541
Wheaton, C. L., (33) 720
Wheeler, C. L., (94) 1514
Wheeler, E. C., (6) 73
Wheelock, C., (34) 1229
Wherry, W. B., (71) 1058
Whipham, T. R. C., (14) 811
Whipple, G. H., (119, 123) 810
Whitaker, M., (37) 730, (80) 2123
Whitacre, H. J., (85) 237, (24) 805
Whitby, C. J., (49) 1688
White, F. W., (10) 1765
White, G. H., (122) 810
White, J., (12) 205
White, J. W., (47) 1957
White, M. J., (80) 1857
White, S., (3) 462, (17) 1959
White, W., (14) 1858
Whitehead, A. L., (95) 2039
Whitehill, N. M., *509
Whiteside, G., *1252
Whitford, H. N., (74) 237, (89) 970
Whitman, R. H., (94, (36) 1056
Whitney, J. L., (7) 1135
Wichern, H., (88) 1692, (88) 2128
Widal, F., (64) 972
Widenstrahl, K., (70) 813
Wieck, O. A., (91) 1963
Wiener, A., (46) 1137
Wiener, J., (54) 2121
Wiesel, J., (41) 1421
Wiesner, R., (21) 2177
Wigert, H., (104) 2045
Wiggin, F. H., *2003
Wiggin, T. R., (47) 461
Wilbur, (40) 968, (65) 1229
Wilbert, M. J., *1980
Wilbur, R. L., (75) 722, (32) 807
Wilcox, R. W., *247
Wilder, H., 1576
Wile, I. S., (81) 1138
Wilkes, W. O., (99) 1418, (5) 1853
Wilkinson, H., (76) 1857
Wilkinson, O., (76) 462, (27) 1228, (108) 1857
Wilks, S., (4) 390
Willbern, D. Y., (113) 1597
Wille, O., (74) 1234
Willey, J. J., (64) 153
Williams, A., (40) 2038
Williams, C. L., (22) 722
Williams, C. M., (2) 304, (5) 2119
Williams, E. W., (110) 1597
Williams, J. W., (48) 1228, (22) 1415
Williams, O. T., (41) 971
Williams, S. E., (15) 2176
Williams, U. V., (77) 1514
Williamson, C. S., (117) 808, (123) 970, (53) 1685
Williamson, O. L., (80) 810
Williamson, R. T., (20) 1599
Willard, De F., (6) 71
Willmoth, A. D., (76) 1514
Willson, R. N., *29
Wilms, (65) 394, (79) 1141
Wilmer, A. S., (57) 151
Wilson, 1120
Wilson, F. C., (82) 1418
Wilson, H., (74) 154
Wilson, H. A., (9) 459
Wilson, H. P., (87) 154
Wilson, N. L., (25) 72
Wilson, R., (10) 387
Wilson, R., Jr., (131) 808
Wilson, R. P., (6) 154
Wilson, T., (25) 2125
Wilson, W., (81) 309

Wilson, W. H., (111) 810
Wiltse, J. W., (43) 988, (63) 1856
Wiltshire, J. W., (114) 1950, (76) 2039
Witzel, O., (66) 1317
Wimmer, (77) 727, (107) 2129
Wimmer, A., (48) 136
Windel, J. T., (62) 1230
Windsor, F. N., (40) 1859
Wingate, U. O. B., (66) 1058
Wingrave, W., (24) 1686
Winslow, C. E. A., (27, 28) 1227
Winslow, J. R., (67) 1085
Winston, J. W., (4) 537
Winternitz, (41) 312
Wintsch, C. H., (58) 809
Wirsing, (116) 1775
Wise, J. C., (63½) 897, (87) 1857
Wise, S. P., (68) 1157
Wiseman, J. R., (37) 153
Witherspoon, T. C., (107) 808, (76) 1229
Wittek, K., (82) 1235
Wittmaack, (131) 975
Witzel, O., (50) 1233
Wohlgemuth, J., (49) 393
Wolbach, S. B., (36) 71, (42) 1056
Wolbarst, A. L., (4) 1054
Woldert, A., (75) 309
Wolf, H. E., (28) 1766, *2138
Wolf, E., (67) 394
Wolff, L., (94) 908
Wolff, W., (93) 974
Wolff, W., (9) 2176
Wolff-Eisner, A., (61) 798, (69) 1140, (25) 2177
Wolfheim, R., (88) 1235
Wollenberg, A., (126) 1691
Wood, A. J., (34) 724
Wood, B. G., (77) 810
Wood, C. A., (20) 1313, (64) 1507
Wood, C. M., (63) 1685
Wood, G. B., (24) 72
Wood, H. C., Jr., *2061
Wood, P. R., (73) 810
Wood, W. A., (45) 1536
Woodbury, F. T., (128) 238
Woodhead, G. S., (9) 723
Woodruff, C. E., (123) 238
Woodruff, H. W., (22) 1504
Woods, E. F., *1377
Woodson, R. S., (60) 1513
Woodward, R. M., (56) 986
Woolley, P. G., (66) 462, (80) 970, *1080
Woolsey, G. E., (52) 968
Worcester, A., (17) 807
Worcester, D. C., (34) 2176
Worden, C. B., (27) 806
Worstell, G., (87) 541
Worthington, H., (79) 2123
Worthington, R. A., (16) 1331
Wöscher, (139) 1691
Wose, A. M., (112) 309
Wray, C., (92) 1514
Wright, A. E., (68) 2029
Wright, A. H., (55) 1228, (4) 1857, (107) 2124
Wright, F. R., (124) 808
Wright, G. A., (17) 1321
Wright, H., (10) 971
Wright, J., (22) 640, (22) 719, (20) 807, (26) 886, (21) 967, (22) 1055, (25, 29) 1136, (18) 1228
Wright, J. H., (15) 305, (98) 2129
Wright, J. W., (78) 462
Wright, R. H., (91) 2123
Wright, S. E., (103) 1230
Wright, W., (16) 74, (9) 330, (14) 1230, (20) 1858
Wrzosek, A., (79) 314
Würdemann, H. V., *405, (69) 897, (29) 1504
Würdinger, (129) 1691
Wybauw, (75) 309
Wyeth, J. A., (99) 810, *1738
Wyman, H. C., (61) 153, (86) 2123

Y

Yankauer, S., (23) 72
Yates, D. G., (15) 895
Yates, J. L., (34) 1683
Yeakley, W. H., (67) 1418
Yocom, J. R., *1019
Young, A., (32) 2125
Young, A. D., (11) 234
Young, E. E., (12) 1331
Young, F. W. B., (23) 971
Young, H. B., (24) 1504
Young, J. C., (45) 1506
Young, J. V., (61½) 226

Z

Zacco, F., (75) 972
Zagari, G., (136) 2046
Zahn, H., (84) 545
Zahorsky, J., (42) 640
Zammit, T., (21) 76
Zander, (61) 544
Zangemeister, W., (56) 725
Zanoni, G., (58) 644, (63) 902
Zarniko, C., (68) 1691
Zeisler, J., (43) 1956
Zenner, P., (75) 1418
Zentmayer, W., (73) 154
Zickgraf, (54) 643, (40) 1421
Zickel, G., (80) 1235
Ziegel, H. F. L., (6) 2035
Ziegler, C., (14) 2177
Ziehen, T., (91) 467
Zieler, K., (45) 1779
Zimmermann, G., (39) 240
Zinsser, A., (32) 1333
Zinsser, H., (67) 909
Zipkin, R., (108) 2045
Zironi, G., (107) 315
Zoeppritz, H., (73) 406, (89) 545
Zolki, (76) 74
Zuccola, P. F., (97) 241
Zuckerkandl, O., (59) 813
Zuelzer, R., (55) 643
Zum-Busch, J. P., 294
Zurhelle, E., (79) 78
Zweifel, P., (57, 60) 1234
Zwar, B. T., (42) 1516
Zweig, (56) 643

V 47
1906